

1994

1994 Modulus

Rose-Hulman Institute of Technology

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Modulus '94

Putting It Together...



It takes only a few seconds for a car to cross the bridge that required months to build. It takes only a flip of a switch to light up the city that required years of manpower to construct. It takes a few hundred dollars to buy the computer that required millions of dollars for research and development. Very few people take the time to consider the true costs of their conveniences.

As you read through the *Modulus*, you will probably no more consider the sacrifice of time that the staff gave for your enjoyment than we consider your sacrifices at Rose. Even as you spend most of every day building upon your education here at Rose-Hulman, we have had the added responsibility of completing this project. So, before you set this book down, please take a moment to reflect upon the time everybody at Rose has spent *Putting It Together....*

Rose-Hulman Institute of Technology

Terre Haute, Indiana 47803

Putting it



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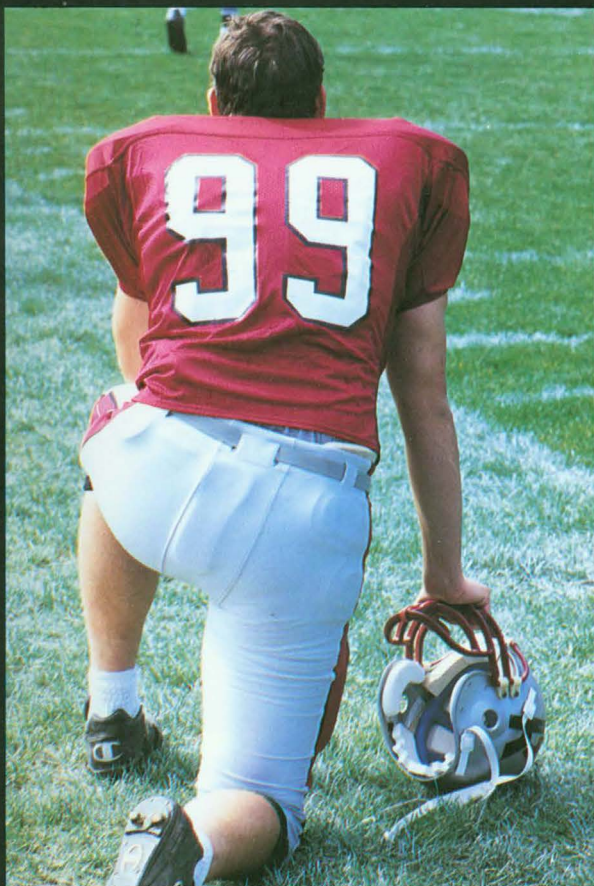


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Together



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Handicap

This year, the American Disabilities Act went into effect. It required places, including Rose-Hulman, to make their facilities accessible to handicapped people. But Rose-Hulman had a better reason to make itself handicap accessible: a freshman named Daniel McWhorter.

All over campus, automatic door openers were installed and new handicapped parking spots were created. A new entrance to the Hulman Union was built.

The medical office was moved to the BSB apartment so that the old office in the basement of Deming Hall could be converted into a room for Dan, complete with connecting bathroom.

All of these changes and improvements are part of an ongoing process at Rose-Hulman. More improvements have yet to be made to attract the best students in the country, both male and female.



This page, top: Isn't it a lot of fun opening the doors around campus with the push of one of these new buttons?

This page, bottom: Dan McWhorter enjoys the company of the women during Freshman Orientation.

Opposite page, top: The new entrance to the union, allowing handicapped accessibility to the facilities, sure saves students from freezing on snowy winter days.

Opposite, bottom right: Dan's new residence in the old medical office.



Accessibility



Homecoming

Putting the homecoming weekend together involved much preparation. The bonfire, pep rally, and football game weren't put together overnight. All Rose-Hulman students contributed to the spirited atmosphere of the weekend.

The activities began with the pep rally Friday night, where the banner competition was won by Alpha Tau Omega, and the cheer contest was won by Triangle. The cheerleaders helped get everyone

fired up for the time ahead, and the celebration was capped by the coronation of Jill Deardorff as 1993 queen.

Following the rally, the crowd proceeded to the bonfire, where the blaze warmed the chilly air. For the second straight year, fireworks accompanied the display. The outhouse fell in once again, and good luck the next day at the game was expected by all.

The crowd's hopes were fulfilled at the big game against Greenville. Greenville jumped out to an early lead,

but Rose won the exciting football game 16-13.

Alumni filled the campus all weekend, and the departments showcased their progress to all the visitors. The weekend was filled with alumni sports, dinners, and memories.

The final pieces of the Homecoming puzzle were the performances of juggling group Clockwork and comedian Craig Tornquist. The audience was entertained and amazed.

This page, top: Thousands attended the Rose homecoming football victory.

This page, bottom: The homecoming queen candidates: Gretchen Rose, Agnes Pankotai, Richelle Johnson, Loree Brown, Jill Deardorff, and Jill May.

Opposite, top right: The performances of Clockwork and Craig Tornquist ended the homecoming celebration.

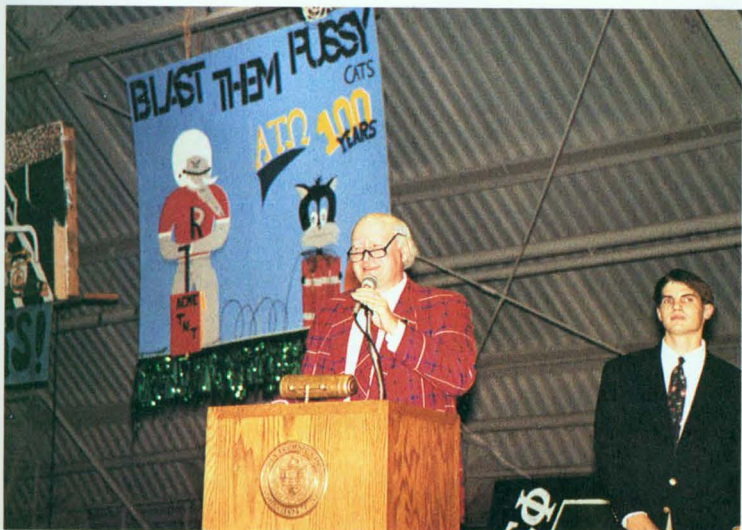
Opposite, top left: President Hulbert addresses the rally crowd in front of Alpha Tau Omega's winning banner.

Opposite page, bottom left: The bonfire tradition continued this year at Rose.

Opposite, bottom middle: The runner-up of the Lake-a-Prof competition, Howard McLean, is grateful that Tom Miller is the one to be laked.

Opposite, bottom right: Homecoming queen Jill Deardorff was crowned to highlight the pep rally.





1993

ARA



When students think of ARA, they think of their red sauce and all of the *wonderful* meals to be had eighteen times a week. They usually do not associate this service with the wonderful maids who change their ARA sheets every week.

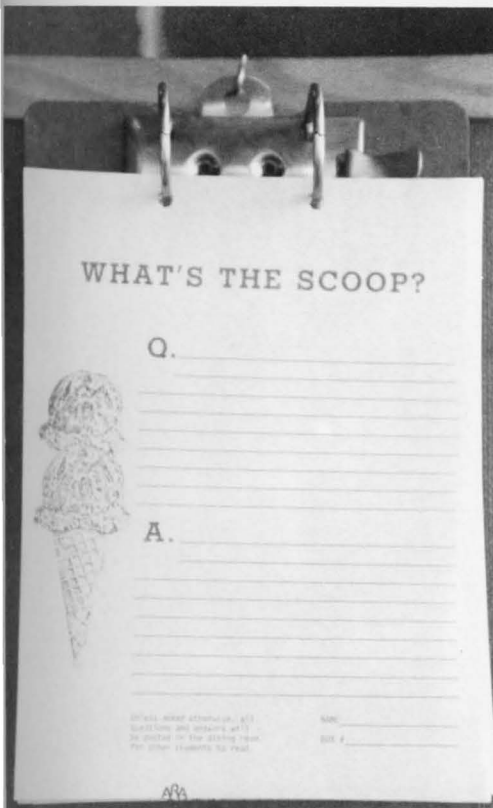
The most enjoyable part of the job for the ARA workers in the Hulman Union is the camaraderie of working with the other workers. Most of them were hired from the local schools or as friends of those already working here.

Not even ARA could escape from the record low temperatures of this past winter. Having food shipped here became tricky and unpredictable at best. Usually food will arrive about three days after it was ordered. Because of the cold, some trucks were getting stuck, and some never left the loading docks. Also, those who were there at the time will probably never forget when a radiator's pipe burst, sending water spraying to the ceiling.

Many changes have happened around campus this year. Many changes may also occur next year since there is talk about expanding the Hulman Union to better handle the number of people that use the facility. The kitchen is built to handle cooking for only a few hundred people, not several hundred. The expansion will enlarge the kitchen, ARA offices, and even be able to expand the variety of options, such as soft serve ice cream. As Rose-Hulman changes, it will be interesting to see how ARA changes to keep pace with ever-changing needs.



Food Services



This page, top: No one is allowed to leave the table until all the food is eaten.

Left: Mashed potatoes make a hearty meal.

Far left: The "What's the Scoop?" allows the student to make comments to those in charge.

Opposite page, top: So much good looking food, too small of a tray to hold it all.

Opposite, bottom: The dining room is a popular place to eat.

The Rose Polly Page

Having been given the privilege of being art Curator for an institution the quality of Rose-Hulman has been the most rewarding position that I ever dreamed of having. Including the privilege of knowing and associating with people of such high qualities.

Not just because of having an interest in art (I married the best watercolor artist in the business) but I have been given the freedom of choosing the art that has been exhibited here on campus.

Some of the artists have been invited to exhibit and some have asked permission (having heard of our collection and display area). There is no charge and anyone wishing to make a purchase is referred to the artist for transaction.

I do usually suggest that the artist leave a painting in appreciation of their exhibition and find that they are very often pleased to be included in our art collection. This isn't a one-person project as I have tremendous help from two people from the Maintenance Dept., David

(Scottie) Roy and Gerald Hartsock, who help transport, hang, and suggest during the hanging of the exhibits. No exhibit could be completed by me without their help. Surprising, too, is the help I get from comments and interest by students, professors, and departments when choosing the exhibits.

I have found a lot of talent in many of these people, and that they are very knowledgeable about art.

I am complimented by their interest, suggestions, and comments, being agreement or disagreement.

Dr. Hulbert's idea of promoting and offering arts and crafts exhibits to generate an interest in a field probably unthought of by engineering students has surely paid off.

- Polly Seamon



Upper Left: Polly prepares to put up a new art collection.

Upper Right: Polly and Scottie take down the old display and unpack the new display.

Lower Left: Scottie begins to hang the new exhibit.

Lower Right: It requires a lot of work to hang all of those pictures.



Polly Seamon - Art Curator



Upper Left: All of this work can be very tiring. There is a lot of art to move.

Upper Middle: Omer Seamon, Polly's husband and the person who has painted many of the watercolors displayed around campus.

Upper Right: Still a long way to go until the paintings are hung.

Middle Left: Polly and Scottie working together again.

Lower Left: Finally packing up after putting up a new exhibit.

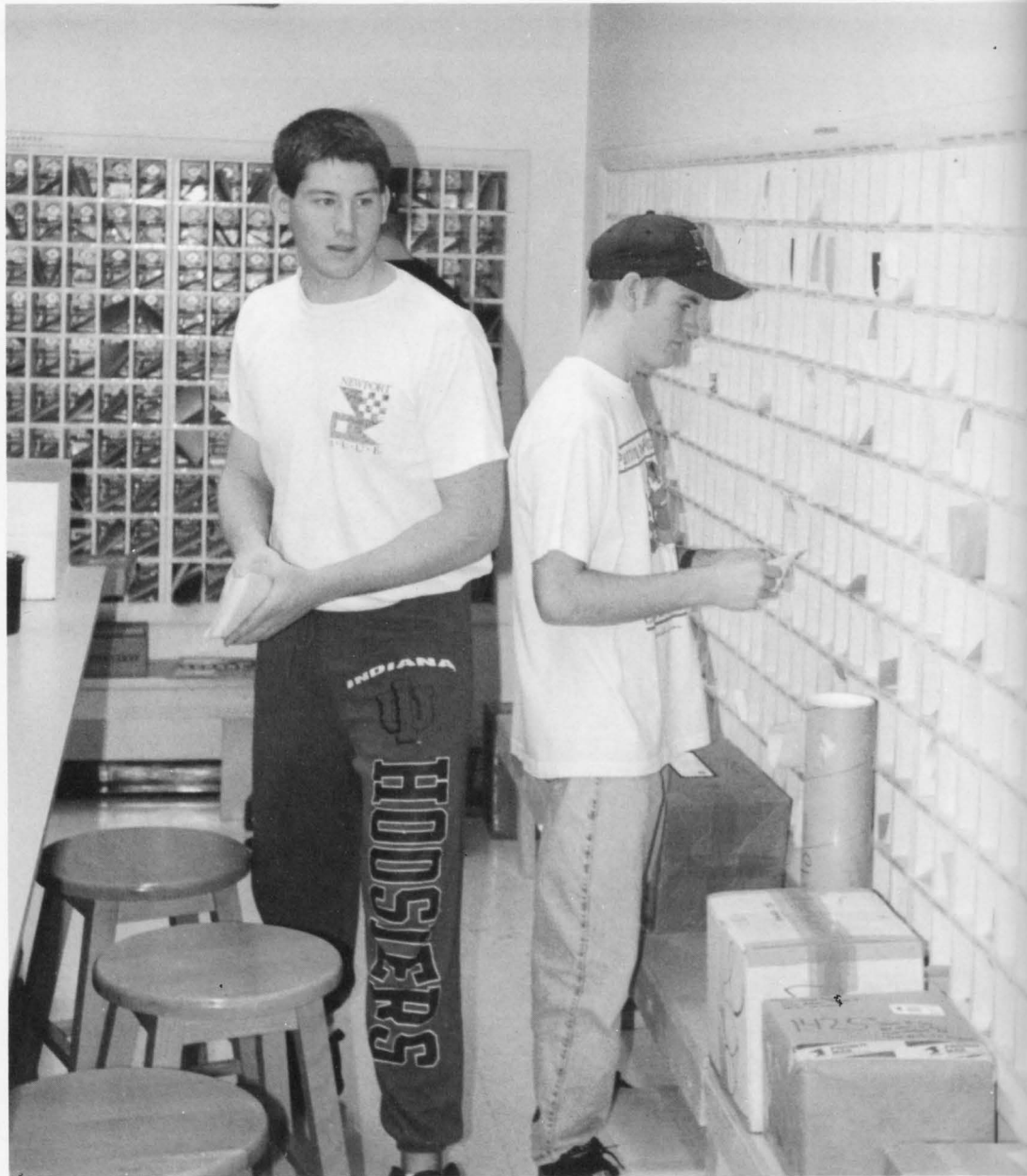
Work Study

Although a job in college can be somewhat inconvenient, many of us have bills to pay, and an income is one way to pay them.

The people who have work-study jobs perform some useful jobs around campus. In fact, many of the odd jobs may in fact not get done without work-study students. Visible examples include buildings and grounds, the print shop, the game room, field-house workers, and lab assistants. Some examples of non-visible work-study jobs are students who work in the Templeton Building, the admissions office, the business office, coach assistants, and security.

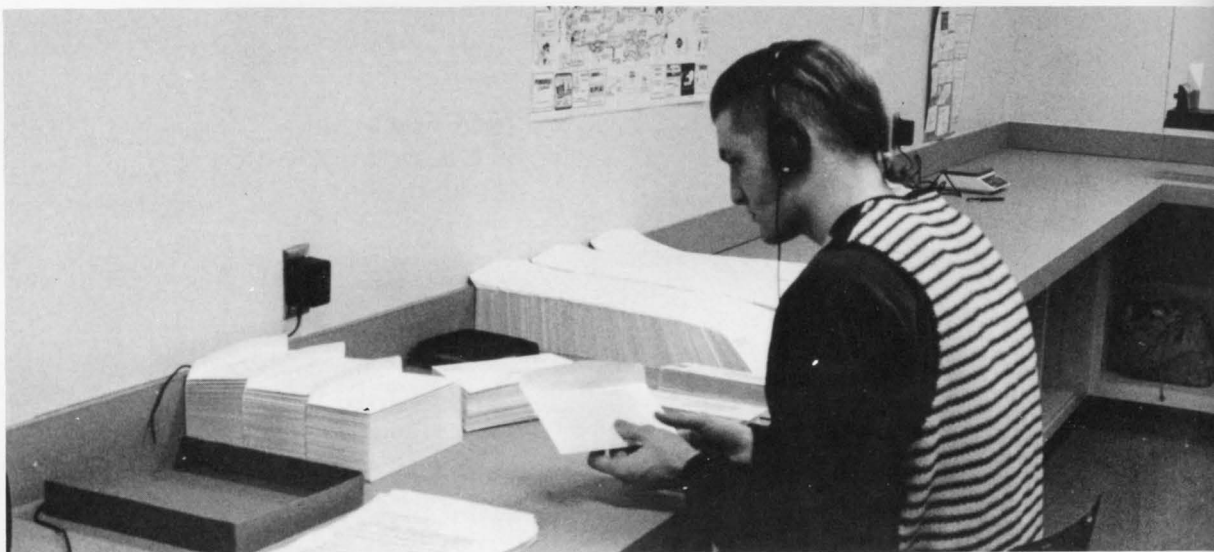
Now there may not be as much glamour in a work-study job as one off campus, or even a chance for promotion, but a work-study job is something that shows a job interviewer that you were more than just a student—that you can do your normal academic load and manage a work schedule. A well-rounded student is something that a job interviewer is looking for.

Unfortunately, a student

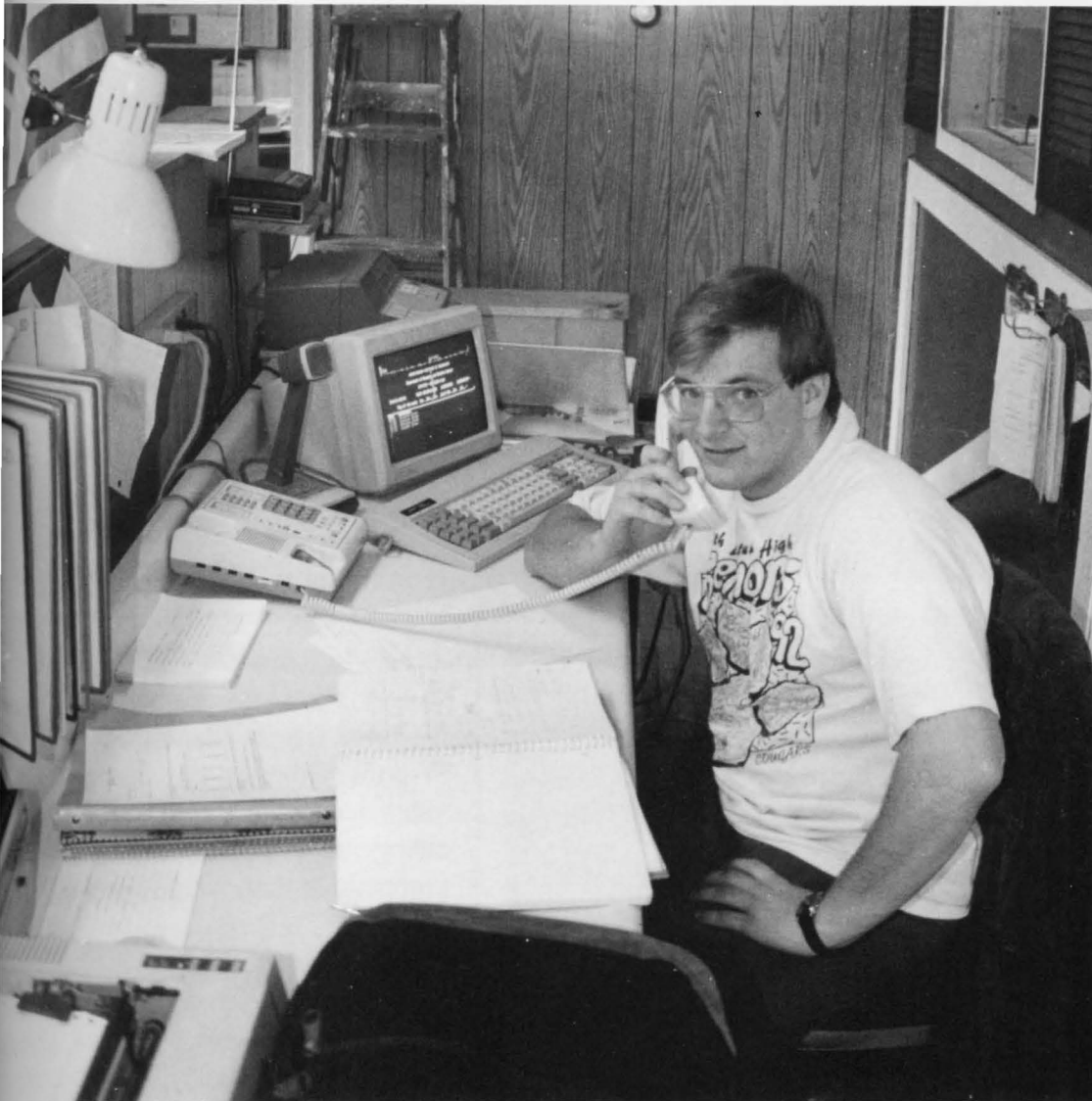


Above: Mailroom workers Kevin Bair and Sean Springman attempt to distribute everybody's mail each day as well as those never ending mass mailings.

Right: Admissions work-study student Chris Goulah works on one of those dreaded mass mailings that was needed yesterday.



"I Found a Good Job!"

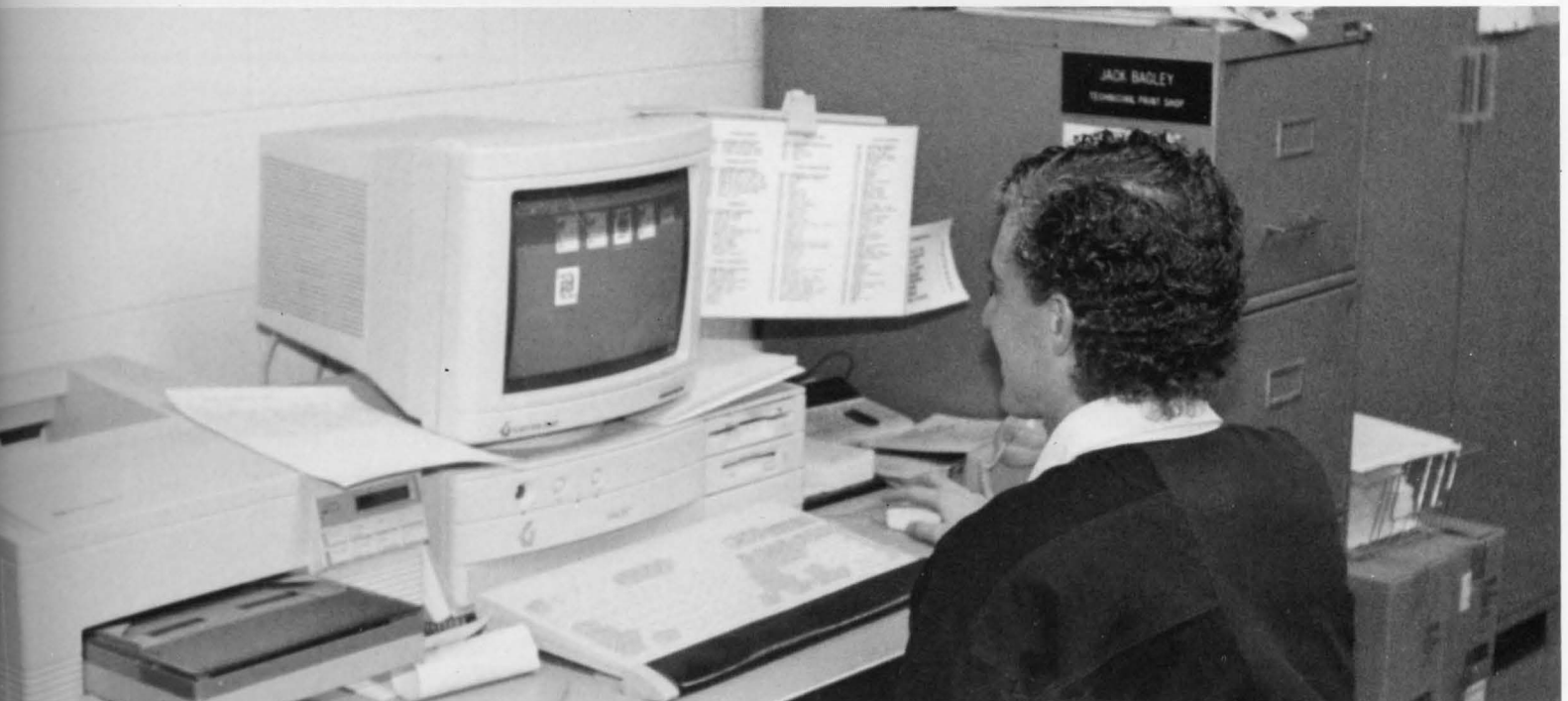


with a work-study job has earned the reputation of being a person who is paid to do nothing but homework, studying, and general goofing off. This, however, generally is not true. There is always something to print in the print shop, mailings to get done in the Templeton Building, applications to send and to file in the admissions office, and so on. There may be times when there is a lull in the work, but there is usually always something to do.

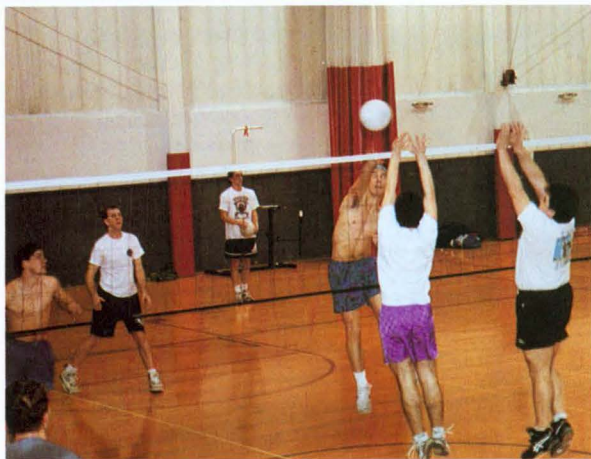
Being ignorant of work-study jobs is not hard at all. Most people can not even begin to start saying where most of the work-study jobs are. But just remember that work-study people perform many useful functions for Rose-Hulman.

Left: Shane Gardner helps keep the campus secure.

Below: Theron Shell enjoys playing computer games during a slow time in the print shop.



INTRAMURALS



Upper Left: Hopefully this spike will be successful.

Upper Right: Receiving a snap during pre-game warm-ups.

Right: Even women participate in intramurals at Rose-Hulman.

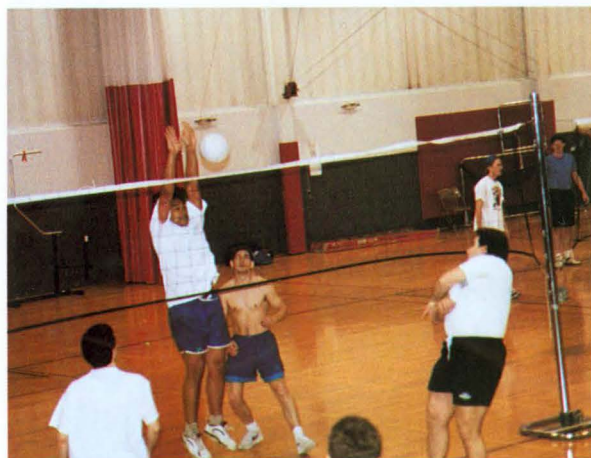
Lower Left: Another blocked spike attempt.

Lower Right: I hope the ball makes it over the net.



Intramurals: "The thrill of victory, the agony of defeat." Well, it's not nearly as glamorous as "The Wide World of Sports", but it provides that needed release of built up energy, as well as the taste of athletic competition that many students desire.

Intramurals are for every student who has an interest in sports. Since there is such a wide variety of sports offered, nearly every student can find a sport in which he would



The Spirit of Competition



like to participate. There are everybody's favorites: softball, basketball, touch football, and indoor and outdoor soccer. There are event leagues in bowling, ultimate frisbee, cross country, and track and field.

Part of the fun of the sport are the interesting match-ups that can occur. Fraternity pitted against fraternity, residence hall against residence hall, or even a team of students versus a team of professors. They may be able to lecture and solve problems in various fields, but they

can also hold their own on the field of battle.

Even if a person does not like to play sports, he can also participate in intramurals. Extra people are needed to keep scores and time in various sports. Referees are also needed, even though they are sometimes booed at school games, to keep the participants in order.

Intramurals are an important part of a student's life. They provide a good form of exercise, competition, and fun. Give them a try.

Upper Left: A formidable offense squares off against an impressive defense.

Upper Right: The victors.

Lower Left: Limbering up before the big game.

Lower Middle: Here comes one in your face.

Lower Right: Putting the ball back in play.



Fall

The new school year brought with it new changes to the Rose-Hulman campus. The process of admitting women began, and changes were made to accommodate disabled persons more easily. Overall, it was simply a new year, with events that distinguished this one from any other new year. So, with the arrival of the Fall of 1993-94, the school year was beginning to be built.



Sept

- * Classes start again for another year.
- * The Rose campus sees new changes for better accessibility.
- * American troops continue to fight in Somalia.
- * Dr. Hulbert announces plans for an expansion to Hulman Union.
- * David Letterman starts his new show on CBS.
- * Some Deming II residents spend a night in jail after an excursion to a cemetery.
- * Rush begins early to get freshmen motivated about Greek life.
- * The new SGA Senate is elected.



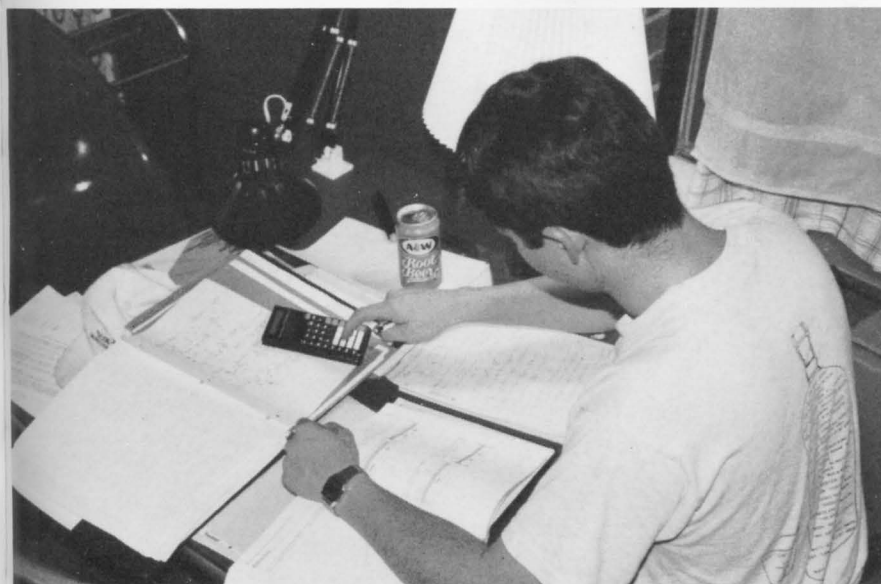
Oct

- * Engineers come away with a Homecoming victory.
- * Middle East peace comes a step closer to reality.
- * Rose-Hulman gets part of a \$15 million National Science Foundation grant to reform the undergraduate engineering program.
- * A heated discussion ensues between Skinner C-1 and SMWC via the *Rose Thorn* over the definition of an acronym.
- * Spuds Mackenzie dies at an old age (in dog years).
- * Beavis and Butthead are blamed for a child's death in a trailer fire.
- * Alpha Tau Omega celebrates its centennial.
- * "Will I get a job? No, I've never had a job, and I don't want one now." - Michael Jordan at his retirement press conference.
- * No one from Deming II was arrested.



Nov

- * Fine Art Series presents the Minneapolis Guitar Quartet.
- * Ross Perot challenges Al Gore to a debate about NAFTA.
- * The class of 1997 gets their first taste of real finals week.
- * Nobody from Deming II was arrested this month either. Keep up the good behavior, only two more quarters to go.



Winter

The long winter in Terre Haute helped create some unanticipated changes to the campus. For several weeks, the school was engaged in repairs caused by a severe bout with cold weather. Around \$150,000 was needed to fix all the damage. From replacing underground steam pipes to putting in new heating systems, the winter of 1993-94 was responsible for a lot of construction on campus.



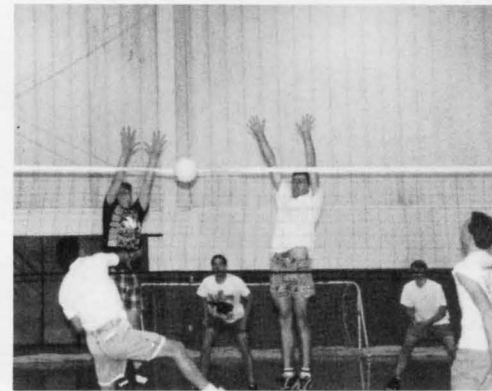
Dec

* In a repeat of the Great Midwest Flood, Europe is hit by massive flooding, especially in France, the Netherlands, and Belgium.

* The Clintons face more allegations of unethical behavior while governor of Arkansas (tax fraud and the White-water scandal).

* It is learned that the U.S. government has been doing long-term radiation testing on U.S. citizens since the second world war without the citizens' consent.

* Steven Spielberg releases the film "Schindler's List" depicting the atrocities of the concentration camps.



Jan

* Temperatures of around -30° F cause a power failure which results in a loss of water pipes and radiators throughout the campus. Classes are then cancelled for only the second time in school history.

* Everyone agrees it's cold.

* Figure skater Nancy Kerrigan is struck in the knee by an oversized professor's chart pointer. A bodyguard and the ex-husband of rival Tonya Harding are implicated.

* Despite the bad weather conditions, a few companies displayed at the fifth annual Career Fair.

* SGA purchases another television for the mailroom so students could catch the news on MTV.

* Farmers in Mexico rebel and attempt to start a civil war.

* Olin Hall becomes a finalist in a program to build additions onto educational facilities.



* Las Vegas Night goes over well for the Student Activities Board and is thoroughly enjoyed by the student body.

* California struggles to put itself back together after a 6.6 earthquake rocks the Los Angeles area.

* A new lighted walkway is opened around the south end of the field-house.

Feb



Spring

Spring term was very busy for the Student Government Association. The first event was when they eliminated the Student Activity Board's entire budget, even though there were legally binding contracts that required money. The IC and internship surveys released by SGA were claimed to be biased by some people. Finally, the SGA had two Senators leave a meeting, ruining two hours of work and two clubs' time when two senators broke quorum by leaving when they feared an amendment they opposed was going to pass.



Mar

* The piece of the Berlin Wall stolen from Rose-Hulman was recovered.

* Aldrich Hazin Ames, who worked for the CIA, was arrested for espionage as an agent for the Soviet Union.

* Rose began recruiting women with the mailing of the Catapult brochures.

* Middle East peace was threatened when an American-born Israeli opened fire in a place of worship killing many Jews and Muslims.

* The Whitewater Scandal became full blown: Hillary's role, subpoenas, Nussbaum, and shredded documents add controversy.



- * Dayton youth Michael Faye was sentenced in Singapore to six lashes with a rattan cane for vandalism.
- * With recent influxes of illegal immigrants, Congress considered making a new immigration policy.
- * Mexico's president was buried after being killed by an assassin.
- * The United States learned that North Korea was very serious about developing an atomic bomb and had already started constructing a bomb.
- * Jimmy Johnson, winning coach of the past two Super Bowls, left the Dallas Cowboys after a long series of disagreements with the owner.
- * The SGA released the results of its surveys on the Freshman Integrated Curriculum and the status of internships.
- * Former President Richard M. Nixon died.
- * SGA eliminated SAB's entire budget.

Apr



- * Emergency signal boxes were installed around campus.
- * Nelson Mandela was elected President of South Africa in the first free elections.
- * Terre Haute experienced a total solar eclipse.
- * Civil War broke out in Rwanda.
- * 18-year-old tennis star Jennifer Capriati was caught in possession of marijuana.

May

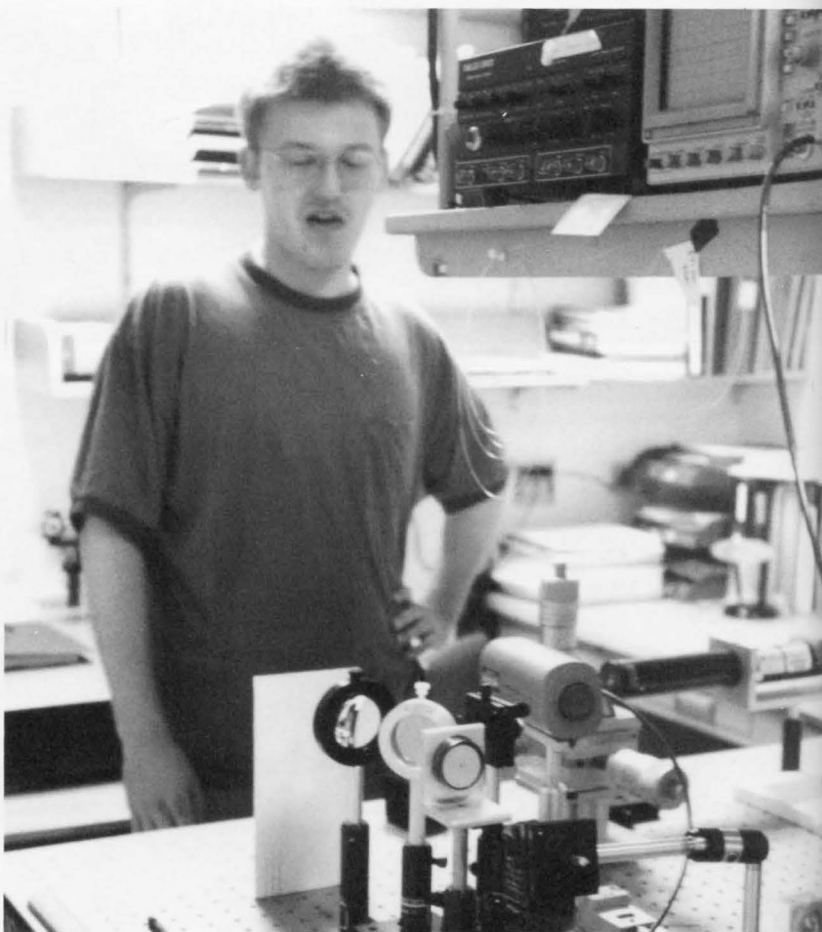


Graduate Optics

One of the more hands-on areas on campus in the graduate program in applied optics.

The Department of Physics and Applied Optics offers a terminal master's degree in Applied Optics. The program of study includes five core courses in applied optics, four elective courses, a comprehensive oral exam and a thesis project. The project is to address a "real-world" problem that would be of mutual interest to an industry, the student and the student's advisory committee chairperson.

During the fall quarter, 19 students were enrolled in the graduate optics program. During winter and spring quarters, the enrollment was 20 and 18 respectively.



Above: Kostya Kos aligns his experiment for his multiple wavelength shear interferometer; Top right: Randy Goue uses a fusion splicer to work with an optical fiber; Right: Alex Sohmer sizes up his experiment.

Resources for Business



Two resources to Indiana businesses are run from the Rose-Hulman campus. They are the Center for Applied Optics Studies (CAOS) and the Technical Assistance & Services Center (TASC).

Center for Applied Optics Studies

CAOS serves as a resource to businesses in the area of optical technology for research, development and design projects. Using optical technology (lasers, optical fibers, machine vision, etc.), CAOS helps develop new products and instruments, improve current products and processes and assists entrepreneurs. These provide professional development opportunities for faculty/staff members and educational opportunities for students.

Technical Assistance & Services Center

TASC's mission is to increase competitiveness and productivity of businesses, especially small and medium-sized ones, by providing technical assistance and services. Through the TASC, businesses can access any expertise available at Rose-Hulman. Using state-of-the-art technology and expertise, TASC can provide initial evaluation of the problem and develop an action plan.

Dr. Brij Khorana is the director of both centers, and Dr. Rob Bunch serves as assistant director for the TASC.



Engineers



The Rose-Hulman faculty and students displayed their talents for the Rose-Hulman community in the 14th annual Engineers In Concert.

Engineers In Concert is a free performance and is the final performance of Rose-Hulman's Fine Arts Series. Not only does the Glee Club perform, but so do numerous other students. Even some of the members of the faculty perform. Sometimes the faculty and students perform together.

The master of ceremonies for this year's Engineers In Concert was Associate Director of Development, Stan Hawley.

Those participating in the acts were: Omar Zaidi and

Frank Acker; Dale Backus with Laura Dekker (daughter of Don Dekker) and Cara Saam; Adam Benjey; the barbershop quartet of Chad Cotton, Joel Magsig, Mitch Reinoehl, and Brad Town; the Rose-Hulman Glee Club; Chad Cotton, Eric Hansen, and Kris Dunn; Frank Pfeiffer and Daniel Czuba; Erich Leonhardt; Ryan VandeWater; Adrian Reid; Cathy Dekker (wife of Don Dekker) and Dale Backus; Matthew Rubacha; Greg Hayworth, Kyle Massey, Mike Kohlmeier, Eric Hansen, and Parke Lucas; Parke Lucas and Doug Brooks; and Dale Backus.

In Concert

Far Left: Soloist Frank Pfeiffer performed "Friends In Low Places" and "Ain't Misbehavin'," as well as performing stand-up comedy.

Left: Laura Dekker and Cara Saam perform "Hold On" and "You're in Love."

Lower Left: The barbershop quartet of Joel Magsig, Mitch Reinoehl, Brad Town, and Chad Cotton perform "Wild Irish Rose," "Java Jive," and "Siyahamba."

Right: Cathy Dekker sings "It Could Happen to You" and "Look at that Face" with her husband Professor Don Dekker. Dale Backus on the piano.

Below: Ryan VandeWater sang and played the guitar for the audience.

Lower Right: The Rose-Hulman Glee Club singing.



Plays and Musicals



From boot camp in Biloxi, Mississippi, to the sewers of New York, the Drama Club enjoyed a productive year which would even make the Queen of England proud. With the combined talents of 18 new freshmen, 14 returning upperclassmen, and 25 men and women from ISU and The Woods, even the most difficult shows were a delight.

The season opened with Neil Simon's *Biloxi Blues*, a story about six guys who join the army and learn the meaning of love and hate. Fortunately, performing it for Dad's Day was anything but "...doing something you don't want to do with somebody you don't want to do it with." (It makes sense if you think about it slowly.)

For Mom's Night, the Drama Club presented three student-directed one-act plays. *The Valient* was a drama about a condemned criminal and his last hour. *The Show Must Go On* was an off-the-wall comedy that depicted a typical family as a group of actors, each performing their assigned role. The evening closed with a provoking rendition of *The Wall*; *A Pilgrimage* in which a family travels to the Vietnam War Memorial and finds that "wounds heal; they don't go away, but they heal."

The Drama Club closed its season with *Guys and Dolls*, a humorous musical about love and gambling in New York. Although the show did not "tear up Broadway from end to end," it did manage to receive rave reviews from students, faculty, and even Sammy. From the wet paint on opening night to benches that break on Parent's Weekend, *Guys and Dolls* was a great experience that the cast and crew will not soon forget.

Written by Chris Rettig and Brad Town.

Performed by the Drama Club



Opposite Page, Top: Upon arriving at boot camp, Private Jerome (Chris Lindell) and Wydowski (Shawn Eads) meet their drill instructor, Sgt. Toomey (Wes DuBois).

Opposite, Middle: Chris finds that some R & R weekends are not all they're made out to be.

Opposite, Bottom: Chris and Elizabeth find that meeting new people is harder than you think.

Top: Arvide (Bryan Taylor) sings "More I Cannot Wish You" to Sarah (Jenny Marschand) in Guys and Dolls.

Top Right: Upon returning from Havana, Cuba, with Sky Masterson (Parke Lucas), Sarah (Jenny Marschand) sings "I've Never Been in Love Before."

Below: Lt. Branigan (Victor Hoerst) interrogates Benny (Eric Hansen) and Nicely-Nicely (Chad Cotton), concerning the floating crap game that they are trying to organize.

Below Right: Chad sings the Guys and Dolls show stopper "Sit Down, You're Rocking the Boat."



Rose Show 1994

There was something to amaze and captivate an audience of any age group at the 66th annual Rose Show. The show occurs each year during Parents' Weekend in spring term.

The Rose Show's purpose is to help the public learn about engineering and technology, and to have fun in the process. This is achieved by featuring hands-on demonstrations, contests, and displaying the latest technology and equipment.

The children really enjoy events such as the mousetrap-powered car race, the chemistry magic show, and the mechanical engineering department's Think Fast Lego Building Contest.

People of all ages like to watch the freshman civil engineers take their first attempt at bridge designing in the Balsa Wood Bridge Design Contest. Also on display are demonstrations of lasers, holograms, computer technology, electrical engineering, and chemical engineering.

There was also the annual electrical engineering design competition, the first demonstration of a telescope built just for looking at the sun, computer science team projects, and the Solar Phantom, Rose-Hulman's solar-powered race car.

The activities also included presentations by the Drama Club, and a banquet to honor Rose-Hulman's top students.

No matter what the age or interest, there is always something to see at the annual Rose Show.



Something for Everyone



Opposite Page, Top: The Mechanical Engineers prepare a display, a stationary bike that a person pedals to light up light bulbs.

Opposite Page, Bottom: A person learns about the Solar Phantom, Rose-Hulman's solar-powered race car.

Top: A crowd of curious onlookers gathers around a demonstration outside of the electrical engineering labs.

Above: A father and son learn more about computer graphics and simulations in Moench Hall.

Graduation 1994



Engineers and scientists must be prepared to lead changes in technology rather than resist them.

That was the message delivered to this year's 279 graduates at Rose-Hulman's 116th Commencement. The messenger was speaker Larry L. Hench, Graduate Research Professor of Materials Science and Engineering, Director of the Bioglass Research Center and Co-Director of the Advanced Materials Research Center, University of Florida, Gainesville, Florida.

"Remember that engineers are the bridge between science and society," Hench told the graduates. "The problem you will face after graduation is that science is expanding very rapidly whereas society very slowly.

"Each of you will at some time or other have the opportunity to choose between either placidly accepting change or directing it in yourself or others."

Also during commencement, various awards were made to students, faculty and staff. The Heminway Gold Medal, awarded to the graduating senior with the highest grade point average, was presented to Greg Hubbard of Kokomo, Ind. Hubbard, who received a bachelor of science degree in mechanical engineering, earned summa cum laude honors after compiling a perfect 4.0 GPA.

Hubbard also was presented with the John T. Royse Award which is given annually to a senior in recognition of outstanding leadership, academic achievement and participation in extracurricular activities. Hubbard, an outstanding offensive lineman for the Rose-Hulman football

squad, earned national academic all-American honors twice.

The Herman Moench Distinguished Senior Commendation was presented to Jay Moorman. The award, named in honor of the late Herman Moench, a longtime Rose-Hulman faculty member and administrator, honors Moorman for his outstanding potential for success and leadership.

Moorman, of Sunman, Ind., graduated with a bachelor of science degree in computer engineering and has accepted a job as a design engineer with Delco Electronics in Kokomo, Ind.

Caroline Carvill, assistant professor of English, received the Dean's Outstanding Teaching Award; Mathematics Professor Brian Winkel received the Board of Managers Outstanding Scholar Award; and Margaret Ying, librarian in the college's John Logan Library, was named the winner of the President's Outstanding Service Award.

Carvill teaches courses in literature and writing in the Division of Humanities, Social and Life Sciences. Winkel is the editor of three national academic publications that deal with new developments in collegiate mathematics education and progress in the field of cryptologia. He was one of the faculty who designed and teaches Rose-Hulman's innovative integrated first-year curriculum in engineering, mathematics and science. Ying is a 17-year employee of Rose-Hulman. She oversees interlibrary loan and maintains inventory control over our periodical collection.

The Final Farewell



Upper left: Cameras were the tool of the day

Second from left: One last journey through the Rose-Hulman campus for the Class of '94

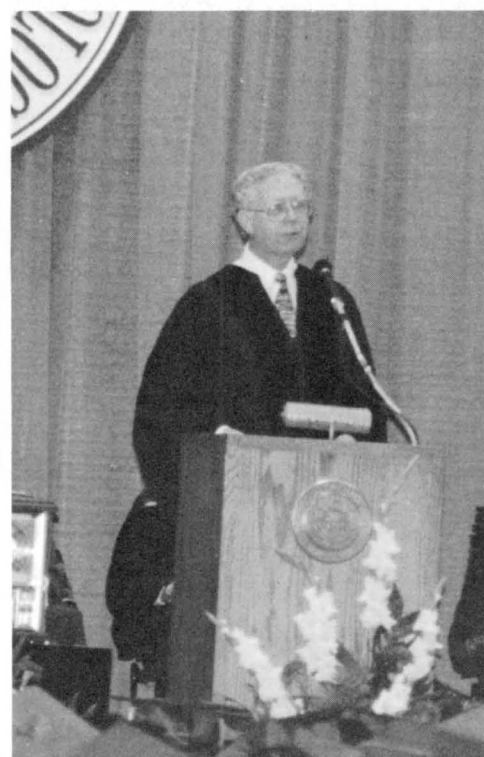
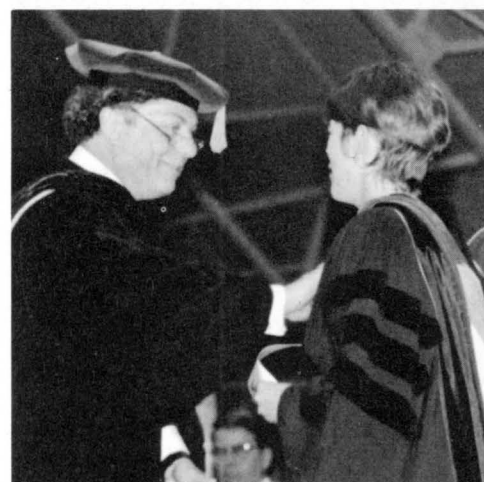
Above: Commencement is a family time

Upper right: Army and Air Force commissioning ceremonies are a part of commencement weekend

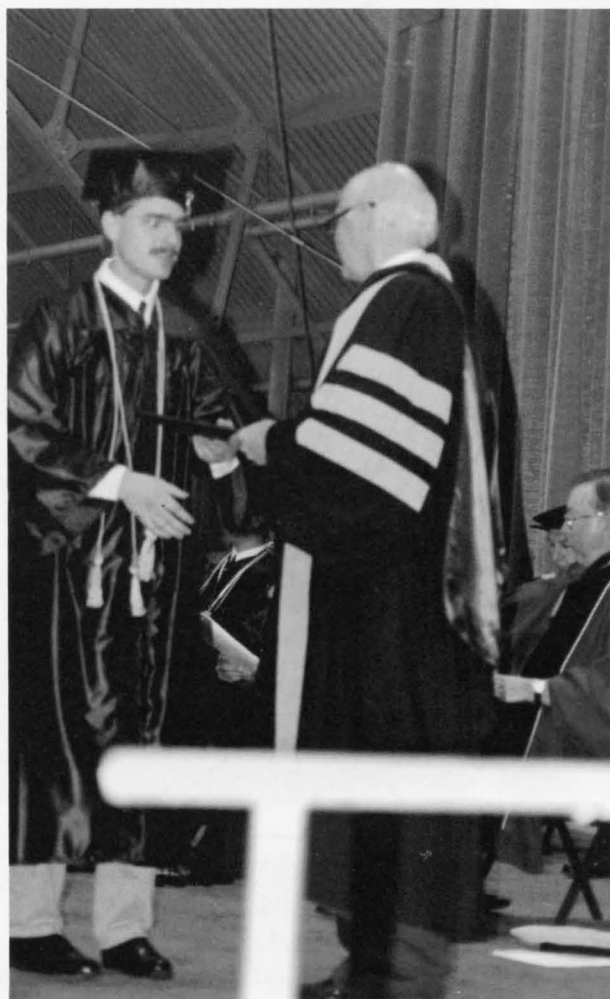
Middle right: Professor Carvill receives her award for outstanding teaching

Lower right: Dr. Hench delivers the 1994 commencement address

Lower left: Anticipation shows on those graduates who await their degrees



Student



Portraits



Graduate Students

Lutz Burkle



Applied Optics
Stuttgart, Germany

R. Allen Dove



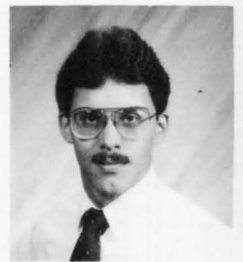
Mechanical Engineering
Indianapolis, Indiana

Kevin Gilbert



Mechanical Engineering
Fergus Falls, Minnesota

Daniel E. Hector



Mechanical Engineering
Ellettsville, Indiana

Ning Jiang



Chemical Engineering
Hangzhou, P.R. China

Weimin Jiang



Electrical Engineering
Beijing, P.R. China

Gerd Klose



Applied Optics
Denkendorf, Germany

Stephan Konrad



Mechanical Engineering
Stuttgart, Germany

Guangxin Liu



Electrical Engineering
Shanghai, P.R. China

Arunas Nesavas



Electrical Engineering
Kaunas, Lithuania

Vaishali Nikhade



Electrical Engineering
Nagpur, India

Markus Schneider



Electrical Engineering
Stuttgart, Germany

Fei Shen



Applied Optics
Beijing, P.R. China

Jinzhong Sheng



Mechanical Engineering
Wuhu, Anhui, P.R. China

Jae Ho Shim



Mechanical Engineering
Seoul, South Korea

Alexander Sohmer



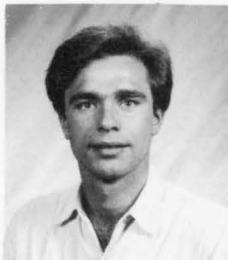
Applied Optics
Stuttgart, Germany

Jinjin Song



Mechanical Engineering
Tianjin, P.R. China

Juergen Spielvogel



Applied Optics
Donzdorf, Germany

Min Tang



Electrical Engineering
Wuxi, Jiangsu, P.R. China

Charles J. Wilson



Electrical Engineering
Linden, California



Zijie Xu carefully sets up a spatial filter for use in a laboratory experiment for Laser Physics.

Xiaofeng Xu



Electrical Engineering
Hangzhou, P.R. China

Zijie Xu



Applied Optics
Hefei, Anhui, P.R. China

Gaoming Yang



Mechanical Engineering
Fujian, P.R. China

Jin Yuan

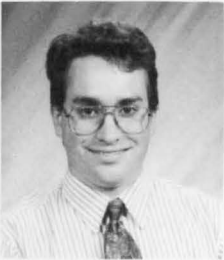


Applied Optics
Hangzhou, P.R. China

Seniors

Class of 1994

Matthew C. Anderson



Civil Engineering
New Hartford, New York

Jonathan D. Bennett



Computer Science
Columbus, Indiana

Ronald J. Berry



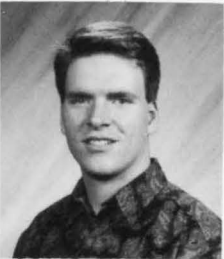
Chemistry
Columbia City, Indiana

Jason E. Bisbee



Chemical Engineering
Spencer, Indiana

Joseph A. Bounds



Mechanical Engineering
Huntingburg, Indiana

Jarod Bradfield



Civil Engineering
Petersburg, Indiana

John H. Brown



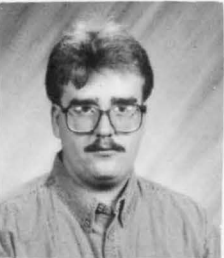
Civil Engineering
DeMotte, Indiana

Chad L. Buchanan



Mechanical Engineering
Westport, Indiana

Robert D. Bumpus



Physics
West Union, Illinois

Douglas G. Burton



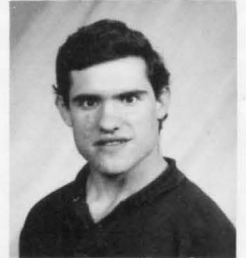
Applied Optics
N. St. Paul, Minnesota

Stephen P. Cape



Chemical Engineering
Indianapolis, Indiana

Gregory A. Case



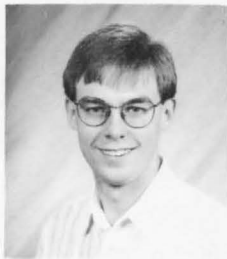
Mechanical Engineering
Richmond, Virginia

Zachariah Chambers



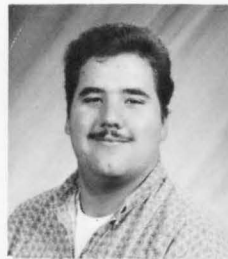
Mechanical Engineering
Miller Place, New York

N. Allen Cheesman



Computer Science
Terre Haute, Indiana

Brian J. Crothers



Mechanical Engineering
Osceola, Indiana

Jeffrey J. Czarnik



Chemical Engineering
Hammond, Indiana

Todd Denniston



Mechanical Engineering
Norman, Indiana

Richard P. Ditteon



Physics
Terre Haute, Indiana

Tung T. Do



Mechanical Engineering
Seymour, Indiana

Eric Donovan



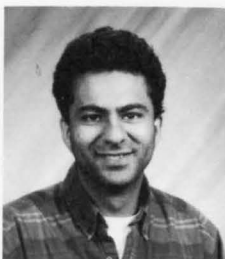
Electrical Engineering
Terre Haute, Indiana

Steve L. Durcholz



Electrical Engineering
Ferdinand, Indiana

Moataz R. Eldib



Mechanical Engineering
Danville, Illinois

John L. Emley



Mechanical Engineering
Seymour, Indiana

Phillip F. Endres



Chemical Engineering
Lebanon, Indiana

Jason G. Fee



Civil Engineering
Seymour, Indiana

John M. Fleck



Mechanical Engineering
Jasper, Indiana

Joseph M. Forler



Electrical Engineering
Chrisney, Indiana

William F. Foust



Computer Science
Shawnee Mission, Kansas

John W. Frerich



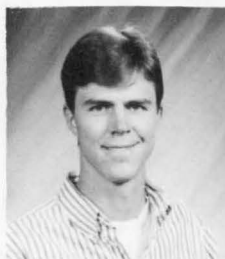
Civil Engineering
Aurora, Illinois

Justin R. Gallagher



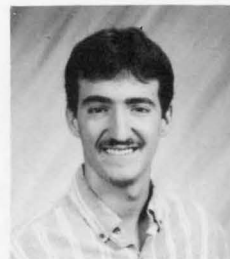
Mechanical Engineering
Indianapolis, Indiana

Adam M. Gersting



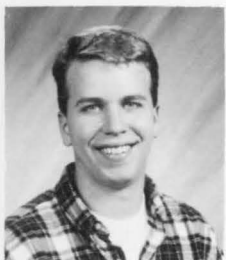
Mechanical Engineering
Indianapolis, Indiana

Donald E. Gower



Electrical Engineering
Hutsonville, Illinois

Gary R. Gutknecht



Electrical Engineering
Lakeville, Indiana

Christopher M. Hahn



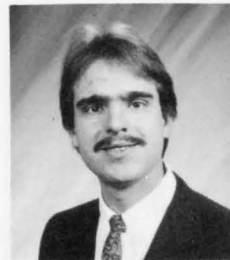
Mechanical Engineering
Olney, Illinois

Dale F. Hartzell



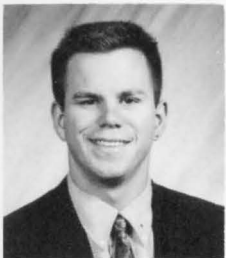
Chemical Engineering
Crown Point, Indiana

Scot A. Hawkins



Applied Optics
Boring, Oregon

Kevin W. Hayes



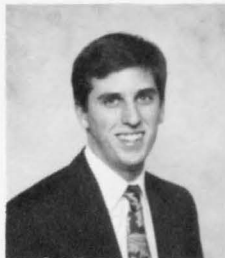
Mechanical Engineering
Clawson, Michigan

Gregory F. Hayworth



Mechanical Engineering
Rockport, Indiana

Harold A. Higley



Mechanical Engineering
Terre Haute, Indiana

Reuben Hochstedler



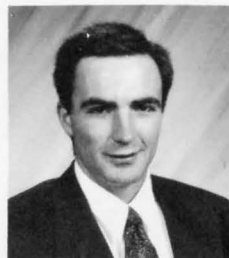
Electrical Engineering
Greentown, Indiana

Victor L. Hoerst



Chemical Engineering
Chester, Virginia

Spencer A. House



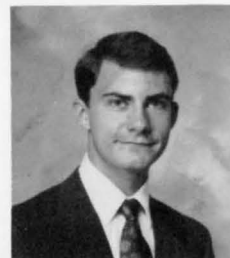
Electrical Engineering
Jasonville, Indiana

William B. Howard



Electrical Engineering
Carthage, Indiana

Frank J. Huston II



Mechanical Engineering
Hampton, Virginia

David P. Hynes



Mechanical Engineering
Indianapolis, Indiana

Michael T. Jahn



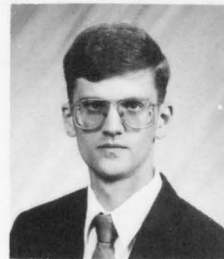
Mechanical Engineering
Saint Anthony, Indiana

Daniel L. Janko



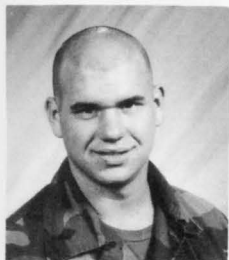
Electrical Engineering
Portland, Oregon

Donald S. Jenkins



Chemical Engineering
Terre Haute, Indiana

Kurt A. Johnson



Mechanical Engineering
Lowell, Indiana

Kevin C. Ketzler



Electrical Engineering
Decatur, Indiana

Joel F. Klein



Computer Science
Indianapolis, Indiana

Kenneth M. Labhart



Electrical Engineering
Magnet, Indiana

Matthew E. Leach



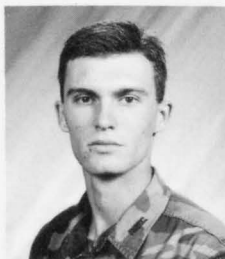
Mechanical Engineering
Fort Wayne, Indiana

Foo Hooi Lee



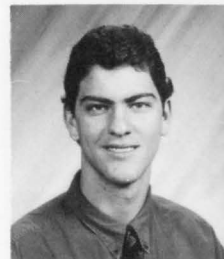
Mechanical Engineering
Sungai Pepani, Malaysia

Joel S. Magsig



Mechanical Engineering
Homestead, Florida

Keith E. Mansfield



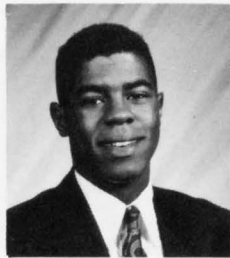
Electrical Engineering
Cocoa Beach, Florida

L. Kyle Massey



Chemical Engineering
Bloomington, Indiana

Anthony X. Millet



Electrical Engineering
Clarksville, Indiana

Irwin S. Minnemann



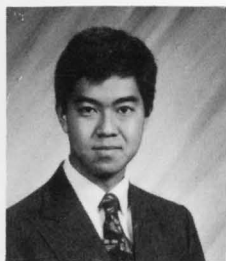
Mechanical Engineering
Oakland City, Indiana

Jay R. Moorman



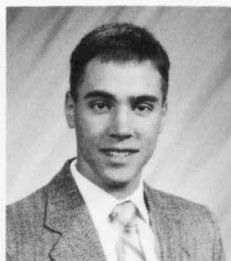
Computer Engineering
Sunman, Indiana

Fumio Morino



Chemical Engineering
Osaka, Japan

Peter L. Morzinski



Mechanical Engineering
Los Alamos, New Mexico

James M. Murphy



Computer Science
Freedom, Pennsylvania

Brady L. Neukam



Electrical Engineering
Huntingburg, Indiana

Christopher D. Oman



Electrical Engineering
Terre Haute, Indiana

Jon L. Osborn



Physics
Indianapolis, Indiana

Michael G. Payne



Physics
Florissant, Missouri

Donald W. Potter



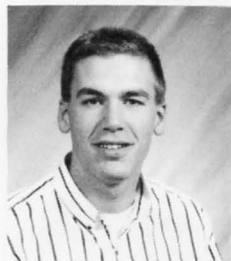
Civil Engineering
Paris, Illinois

Gregory E. Puck



Mechanical Engineering
Carroll, Iowa

Ira L. Rainey



Chemical Engineering
Mooreland, Indiana

Alan J. Reed



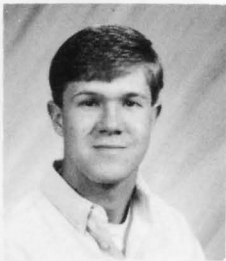
Applied Optics
Brazil, Indiana

G. Mitchell Reinoehl



Civil Engineering
Brazil, Indiana

Aaron M. Reynolds



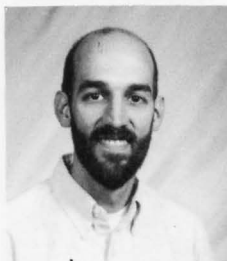
Civil Engineering
Plainfield, Indiana

Jon R. Richards



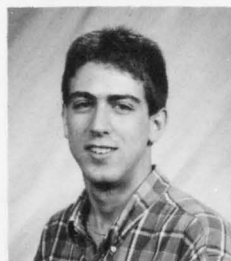
Electrical Engineering
Crawfordsville, Indiana

Kurt W. Riggenschach



Mechanical Engineering
Terre Haute, Indiana

Christan E. Rolenc



Mechanical Engineering
Mount Pleasant, Iowa

Marco A. Salenda



Chemical Engineering
Indianapolis, Indiana

David A. Sanders



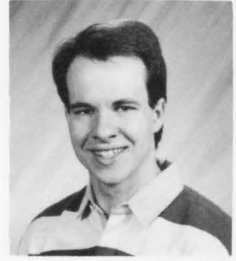
Civil Engineering
Tell City, Indiana

Michael B. Schall



Chemical Engineering
Cicero, Indiana

Chad Scherrer

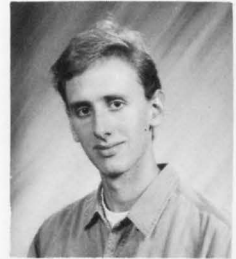


Mathematics
Jasper, Indiana



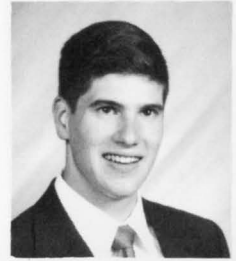
John Frerich takes time out from his busy Spring schedule to look for a job in the Placement Office.

Daniel Schwert



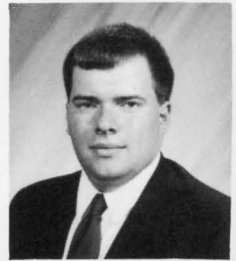
Chemistry
Alfred, New York

Carl W. Schwitzer



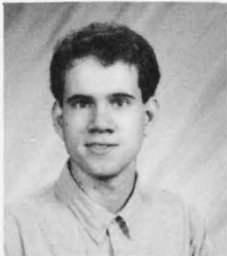
Mechanical Engineering
Bloomington, Indiana

Steven N. Shadix



Civil Engineering
Cincinnati, Ohio

David Todd Shields



Civil Engineering
West Terre Haute, Indiana

Frank R. Smith



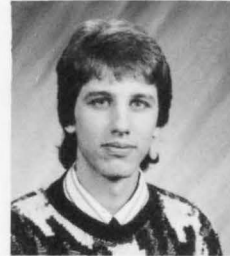
Chemistry
Norton, Ohio

Robert D. Snedeker



Civil Engineering
Pine Village, Indiana

Douglas J. Stanek



Chemical Engineering
Terre Haute, Indiana

Brian M. Stankiewicz



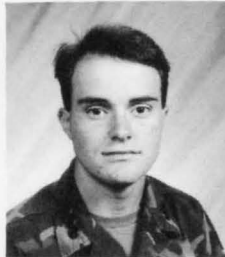
Civil Engineering
South Bend, Indiana

Jerry G. Stanley



Computer Science
Marion, Indiana

Eric L. Stark



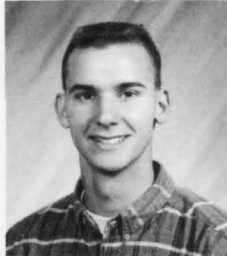
Chemical Engineering
Terre Haute, Indiana

Jeff H. Swartz



Computer Science
Maryland Height, Missouri

Damon A. Swope



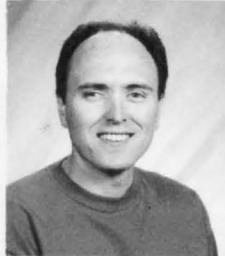
Mechanical Engineering
New Carlisle, Indiana

Brock A. Taylor



Computer Engineering
Floyds Knobs, Indiana

James A. Taylor



Electrical Engineering
Dugger, Indiana

John E. Tenbusch



Electrical Engineering
Minden City, Michigan

Fred S. Thomas



Chemical Engineering
Littleton, Colorado

Jason L. Thompson



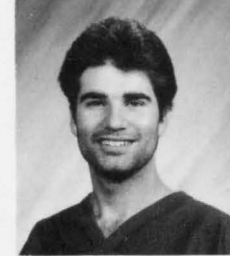
Physics
Jamestown, North Dakota

Christopher L. Vana



Electrical Engineering
White Lake, Michigan

Donald S. Vash



Chemical Engineering
Bruceville, Indiana

Frank S. Volkers



Chemical Engineering
Terre Haute, Indiana

Julian F. Waldby



Electrical Engineering
Champaign, Illinois

Eric W. Wandell



Mechanical Engineering
LaPorte, Indiana

Christopher E. Werling



Computer Engineering
Fort Wayne, Indiana

Brian S. Wetzker



Electrical Engineering
St. Louis, Missouri

Michael E. Wever



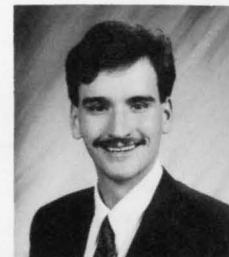
Computer Engineering
Fort Wayne, Indiana

Andrew L. White



Physics
Beavercreek, Ohio

Gregory S. Wiley



Electrical Engineering
Terre Haute, Indiana

Nathan Wiley



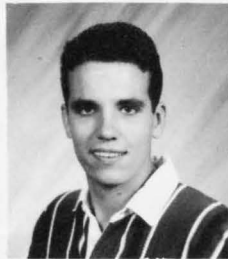
Chemical Engineering
Terre Haute, Indiana

James M. Williams



Computer Science
Austin, Indiana

Geoffrey A. Wise



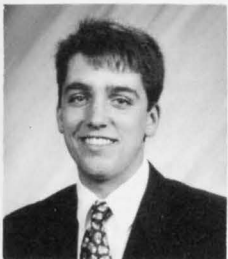
Civil Engineering
Mentor, Ohio

David W. Wolf



Mechanical Engineering
Lawrence, Kansas

Jason R. Wykoff



Civil Engineering
New Carlisle, Indiana

Mark W. Young

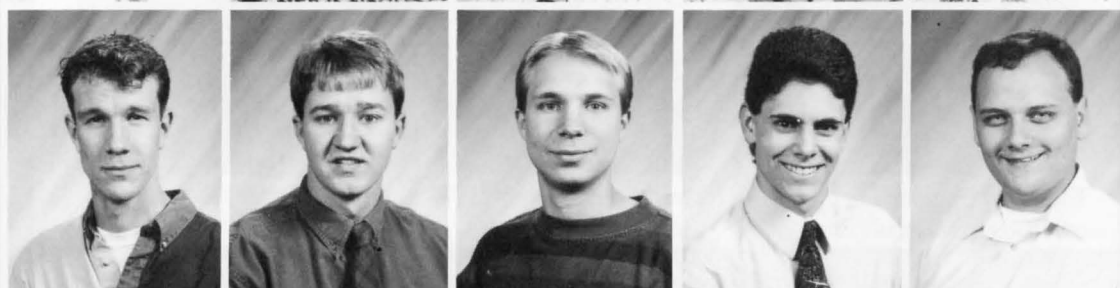


Civil Engineering
Honolulu, Hawaii

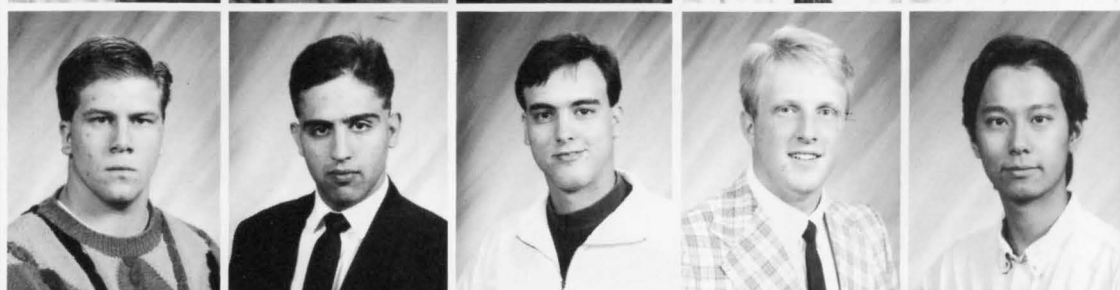
Scott Allen
William Allen
Joe Barz
Michael Benefield
Brian Blair



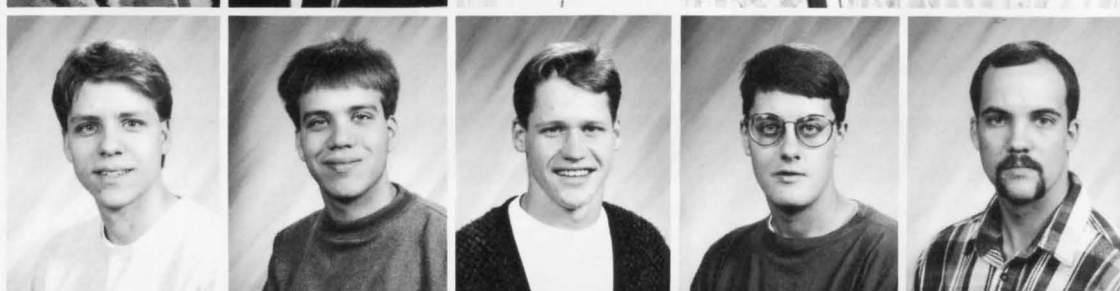
Ryan Brashear
Kurt Brinkman
Carlton Brown
Randy Butts
Ryan Callahan



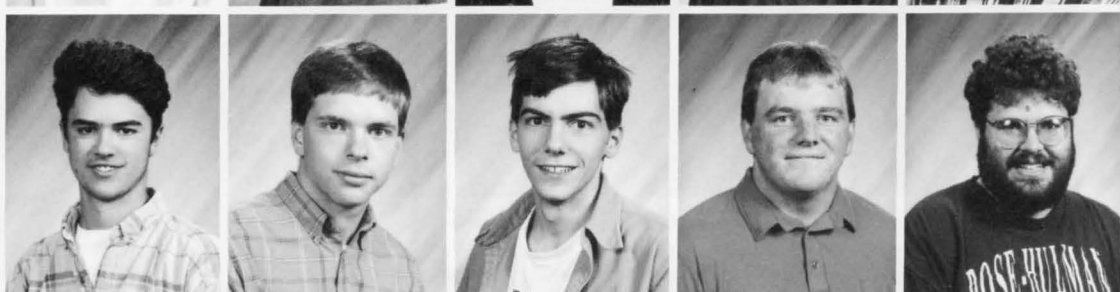
Scott Chase
Joseph Chowning
Eric Collins
Chad Cotton
Steve Dao



Mark Dearing
Mike Dominick
Addam Ebel
Tony Erwin
Brennan Fairchild



Brian Fischer
Matthew Flessner
Allan Folz
Jim Fox
Matt Frank

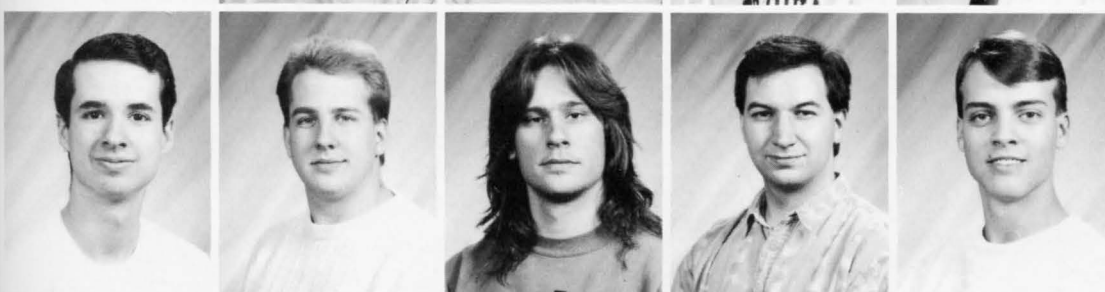




Richard Gerberding
Mike Gerig
Patrick Goodwin
Phillip Gralik
Joe Graves



Jereme Greenblott
Justin Guerin
Charles Harrison
Dan Harshbarger
John Havron



Chris Helmke
Greg Hibbard
Tim Hoffmann
Terry Hughes
Tobiah Huwe



Hani Jamjoom
Aaron Junkersfeld
Brian Karns
Matt Kuhlhorst
Adam Lamb



Bryan Lenderman
Aric Manly
Jeff Markwardt
David Marquam
Rodney McIntyre

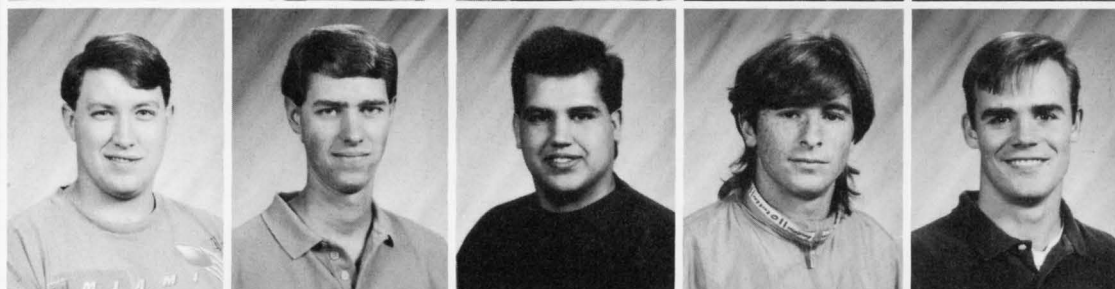


Rich Miller
Ron Mongell
Scott Monroe
Jerry Montgomery
Jason Napier

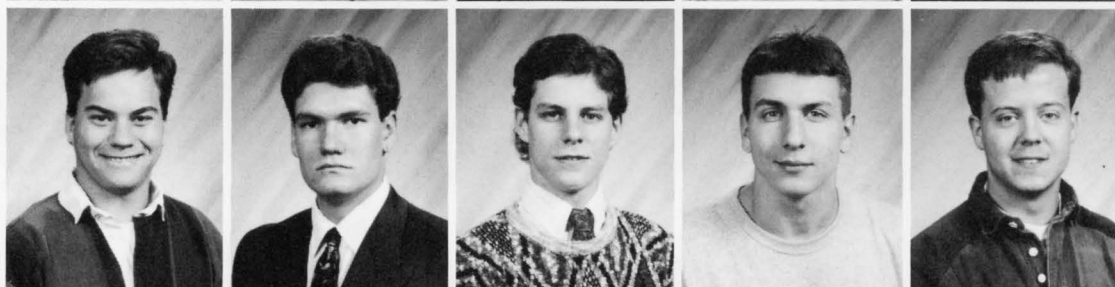
Edward Pham
David Rauhut
Jason Reinbold
John Riedeman
Todd Rosenfeld



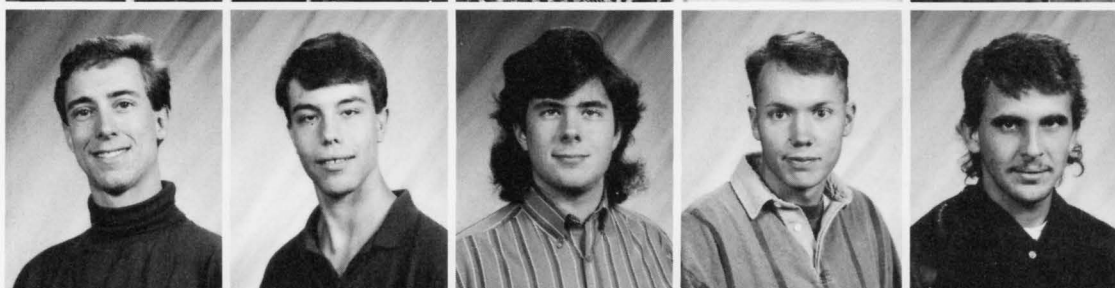
Scott Ross
Matthew Roth
Dan Schocke
Brian Shattuck
Patrick Shea



Ryan Shoemaker
Chad Shryock
Brian Siener
Paul Sigler
Rob Snyder



Mathew Sommers
Adam Staley
Jason Stamp
Scott States
Berndie Strassner

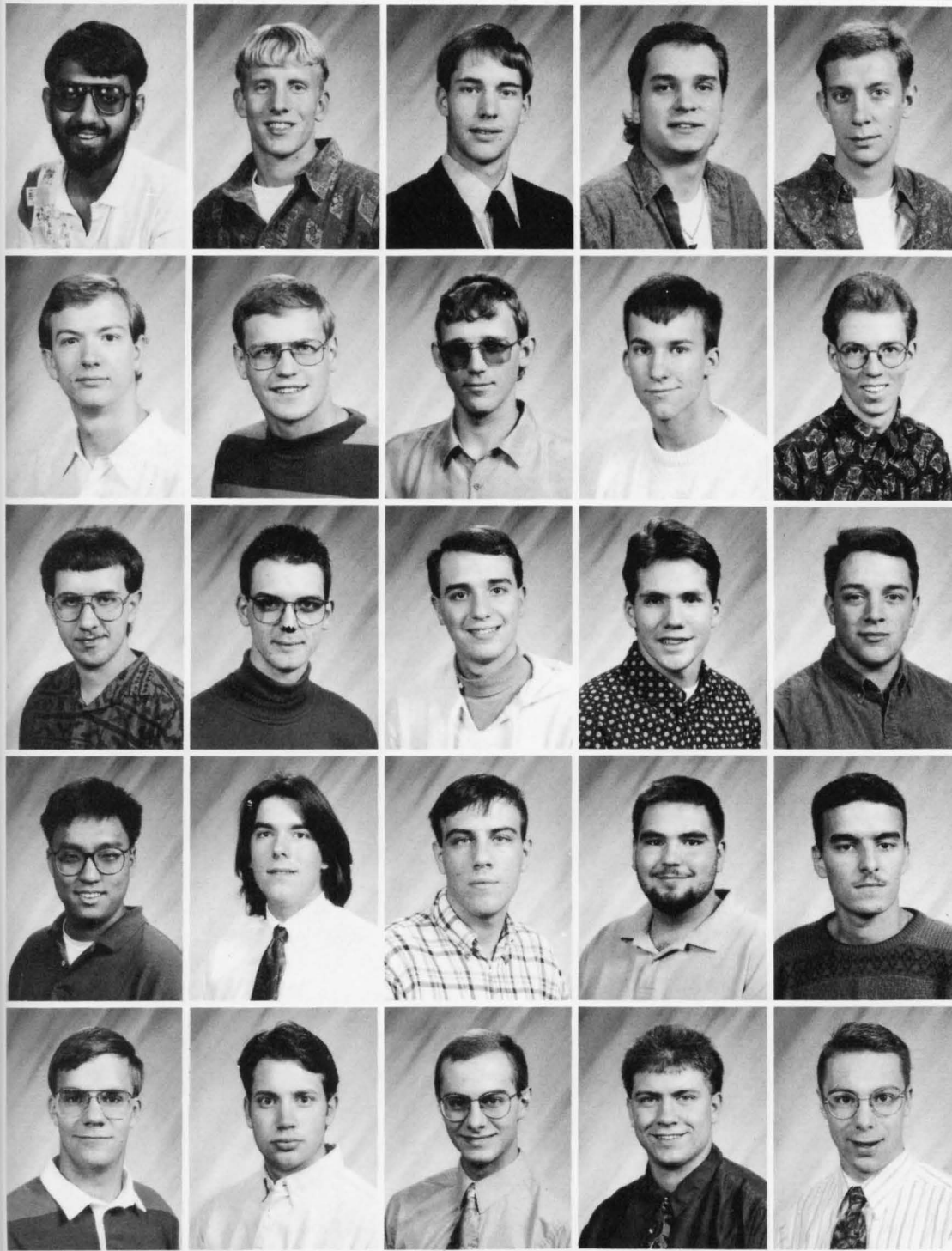


John Walker
Joe Wendel
Cory Whitesell
Dale Wilt
Don Wiscaver



Sophomores

Class of 1996



Yousuf Ahmed
Karl Ammerman
Kenny Anderson
James Ashworth
Chad Baker

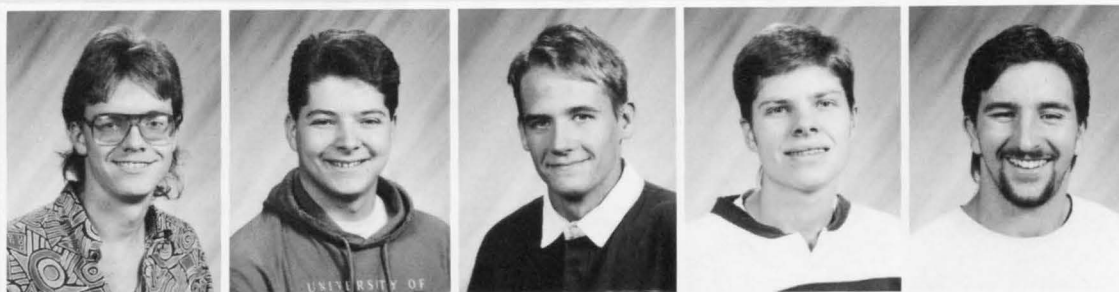
Jay Baumgartner
Dave Bedel
Peter Bennett
Jay Bernheisel
Erik Bogensberger

Stephen Boyd
Andy Bradley
Scott Burwinkel
Brian Cahill
Keith Cavallini

Yun Choe
Roger Churchill
Justin Coakley
Darian Coons
David Couto

Craig Cutforth
Marc Cwik
Christopher Diamond
Daniel Ewing
James Feaster

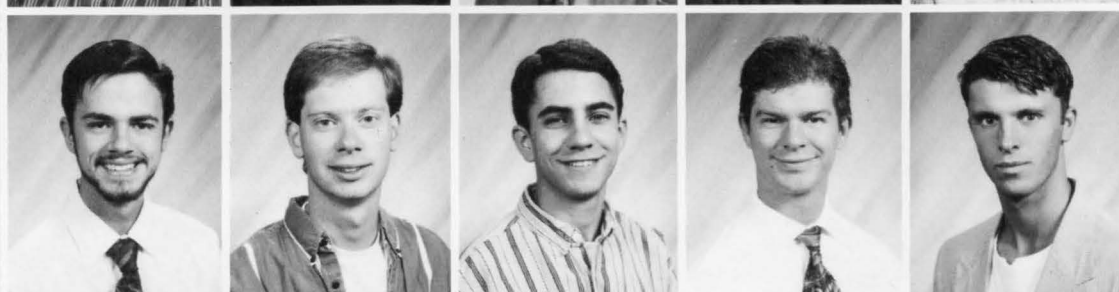
**John Finitzer
Michael Finney
Mark Fligor
Rex Fuller
Eric Gappa**



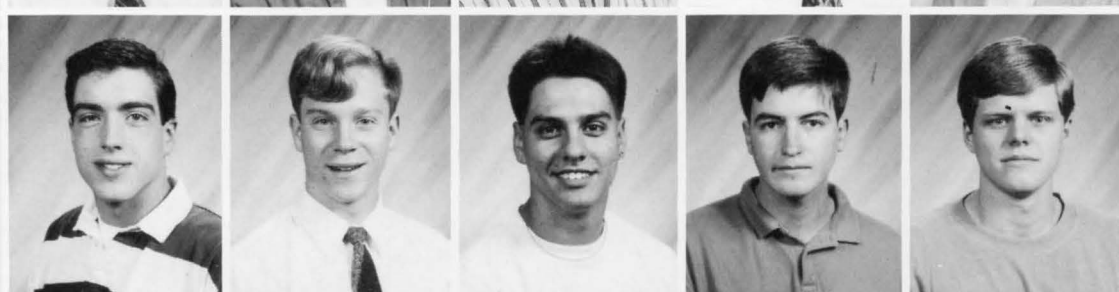
**Shane Gardner
Louis Goodrich
Derek Green
Jason Gregor
Timothy Ground**



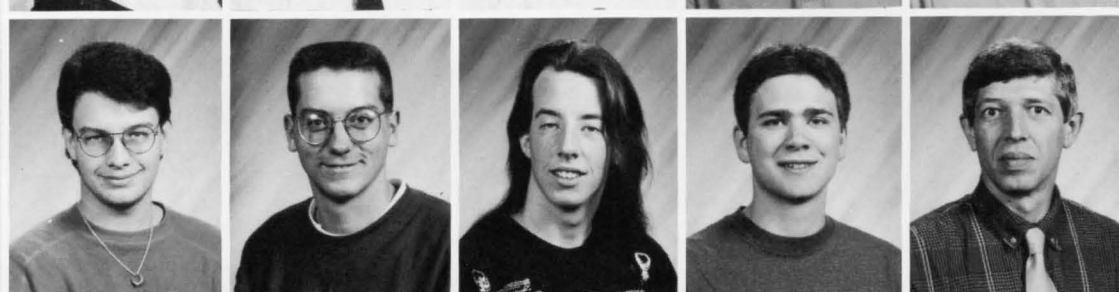
**Nathaniel Hackett
Greg Haines
Wes Hamilton
Eric Hansen
Mark Heckenlaible**



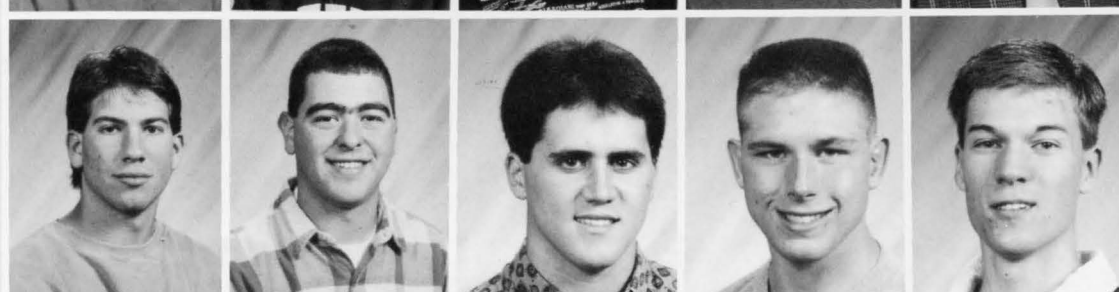
**Jason Hittle
Ben Hochstedler
Charles Holloway
Chris Houston
Doug Ihrig**



**Jerry Ingram
Adam Jacob
Dustin Janes
Neil Jeffries
Donald Jenkins**



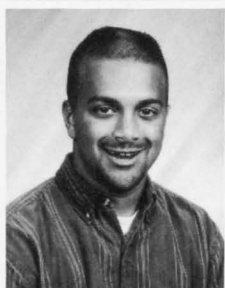
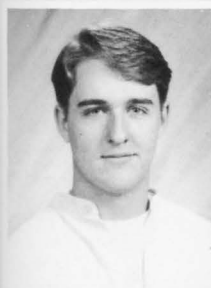
**Drew Johnson
Brian June
Greg Knecht
Chris Koehler
Andy Krieg**



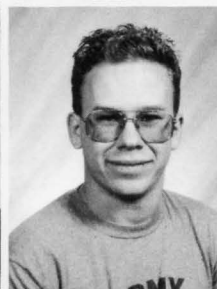
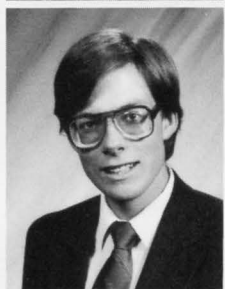
Sharpenburg



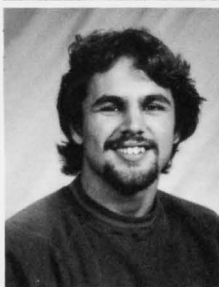
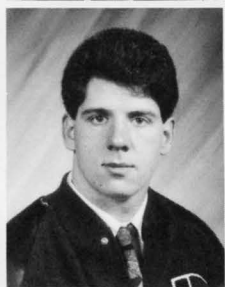
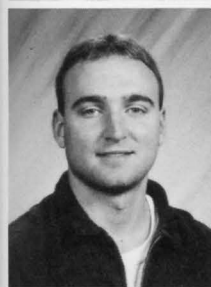
Front row: Shawn Kaser, Chris Tibbits, Don Vash, Rick VanMeter, Randy Johnson, and Jason Wright. Second row: Chris Andrews, Juergen Spielvogel, Doug Kaltenmark, Kevin Lueschen, Matt Altman, and Steve Green. Third row: Juergen Beschmidt, Mark Cwik, Nathan Schildt, Ryan Easterhaus, Bob Hilbert, Theron Shell, Darryl Waters, and Frank Huston. Fourth row: David Mott, Terry Hughes, Darek Buckles, Josh Kearney, Jerry Ingram, Mark Calder, Shane Gardner, Mitch Dengler, Jay Bernheisel, and Tony Ragucci. Fifth row: Charles Hodapp, Travis Weddle, David Shore, Chris Stone, Gene Shin, Bryan Andrews, Frank Pfeiffer, Scott Burwinkel, Ryan Scherle, and Matt Cole. Back row: Joe Barz, Craig Baker, Matt Dresbaugh, Tim Ground, Chad Borowicz, David McFarland, Chris Pilcher, Ron Mongell, and Ernie Snider.



**Scott Kuester
Ashvin Lad
Erich Leonhardt
Ehren Lohrmann
Tony Lowe**



**Alan Lucas
Ken Luebeck
Jason Madison
Troy Madlem
Casey Maker**



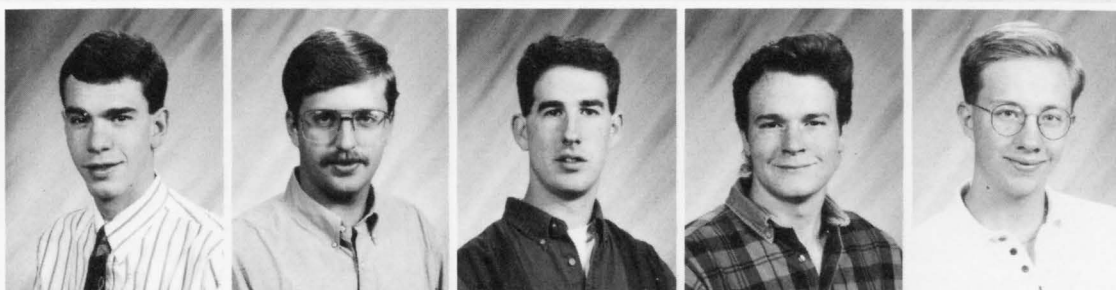
**Craig Martin
David Mc Farland
Mat Mc Neff
Matt Meiser
Brad Mickschl**

Blumberg

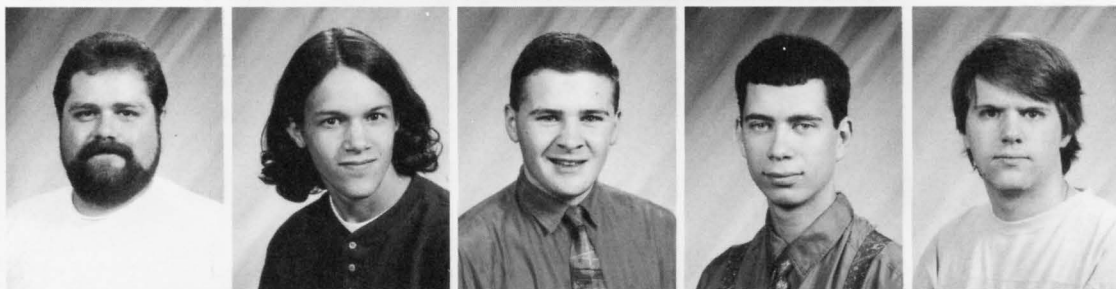
Front row, sitting: Bill Blackert, Fernando Ku, Masood Makkar, James Czarnik, Erik Bogensberger, Bill Fink. Middle of floor, sitting: Greg Rosinski, James Cole, Kalen Schulteis, Ryan Mosher, Chris Morton, and Rajeev Puttaiah. Back row, sitting: Fumio Morino, Jerry Zdenek, Karl Rathe, Rob Wyrick, Rob Snyder, Alan Lucas, Jeff Pontius, Craig Keim, Todd Denniston, and Jeff Courter. Sitting on top of furniture: Andy Bradley, Carlton Brown, Brian Cochran, Dan Coopridner, Scott Monroe, Chris Houston, San Han, and Foo Hooi Lee. Standing: Greg Hibbard, Rob Page, Isaac Gaidoo, Matt McNeff, Adam Fischer, Jason Hittle, Chad Tuttle, Kevin Ketzler, Andy Krieg, Kyle Bailey, Tim Pletcher, Adam Benjey, Andy Nuxoll, Troy Wiegand, Troy Funk, Mike Staub, Chris Koehler, Kevin Donsbach, Greg Case, Dan Ruzicka, Lutz Burkle, Charles Miller, Mike Wolfe, Steward Scott, Thad Sheets, Alex Sohmer, Brad Shroyer, and Jeff Swartz.



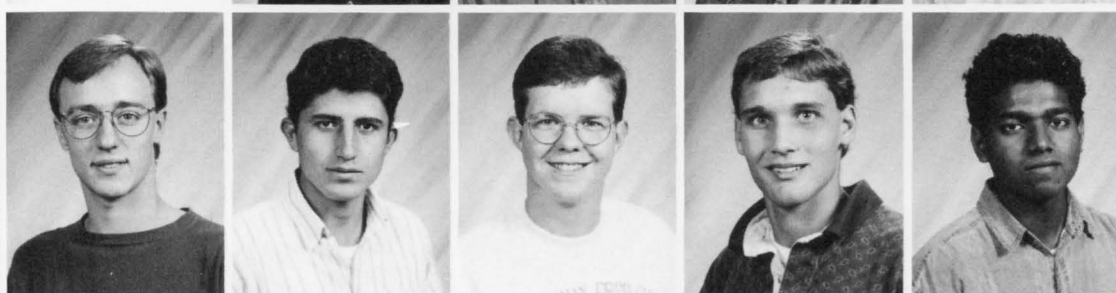
Brian Miesse
Charles Miller
Brent Minnick
Al Modglin
James Montgomery



Fred Morgan
Kevin Nelson
Jeremy Nolan
Kelly Orr
Mark Parker



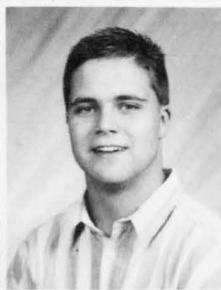
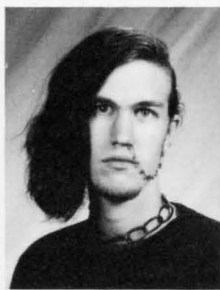
Austin Peacock
Jose Penaloza
Frank Pfeiffer
Patrick Pistelli
Rajeev Puttaiah



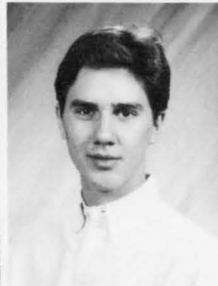
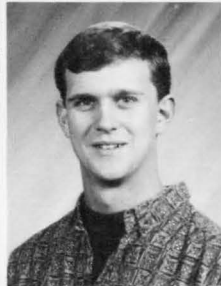
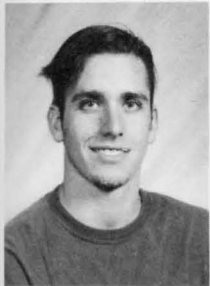
Mees



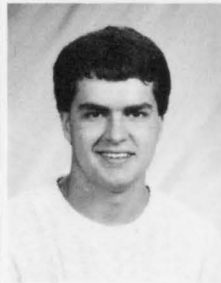
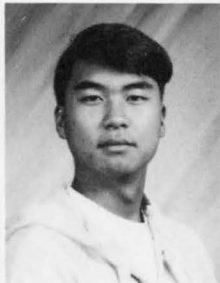
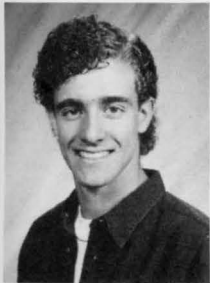
Seated: Stephen Cape, Mark Lindsey, Casey Maker, Brian June, Jon Davis, Sean Hennette, Micah Trusty, Greg Rossi, Brian Karns, Ryan Brashear, and Adam Gersting. Row two: Chris Werling, Pete Bennett, Adam Staley, Moataz Eldib, Ehren Lohrmann, and Mike Evans. Row three: Kevin Neilson, Eric Wandell, Tim Lancaster, Mark Winterheimer, Mark Zeigler, and Phil Hochgesang. Row four: Dale Wilt, Ben Crawford, Brad Mickschl, Sean McGuffie, Jeff Neibauer, Jose Penalzoza, Chris Conley, Eric Ward. Row five: Jeff Hall, Brian Hameder, Chip Bradway, Dennis Brylow, Mark Fligor, Josh Geary, and Mike Rees. Row six: Brad Comer, Jeff Schwegman, Christian Colvin, Blake Good, Chad Halwes, Bob Black, Burt Meier, Jason Major, and Jeff Harless.



Chad Quick
Tony Ragucci
William Reichert
Chris Riley
Scott Robb



Michael Rubin
John Samosky
Nathan Schildt
Dan Schuck
Dean Sellis



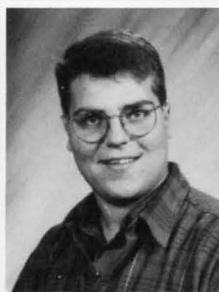
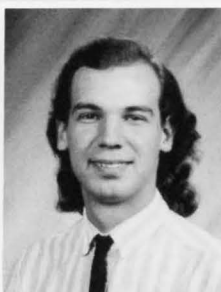
Theron Shell
Tim Sherrill
Gene Shin
David Shore
Michael Smosna

Skinner



Sitting: Jessie French, Chad Richardson, Darrell Addington, Erik Hayes, Greg Roberts, Josh Schueler, Jamie Moore, Scott Safer, Brian Desharnais, John Finitzer, and Phillip Bailey. Kneeling: Chris Johnsen, Jay Baumgartner, Mike Payne, Andrew White, Eoghan O'Sullivan, Ross Collins, Brian Schmit, Phil Endres, Chris Helmke, Tony Harbath, Jamie Weller, John Prior, Jerome Greenblott, Matt Flessner, Mark Boddy, James Cummings, and Nathaniel Hackett. Standing: James Hendry, Kevin Nelson, Nathan Wiley, Damon Swope, Jay Moorman, Chris Archer, Lynn Rainey, Wes DuBois, Kevin Kinney, Ethan Allen, Matt Roth, John Kos, David Rauhut, Matthew Meiser, Matthew Frank, Jeff Kwok, Mike Dominick, and John Shinoskie. With basketball: Doug Burton.

Mike Staub
Chistopher Stone
Jason Streck
Daniel Tarr
Eric Teitsma



Jon Thomas
Jeremy Thomason
James Thurmond
Chris Vogel
David Wahman



Deming 0



Front row: Andrew Trinh, Justin Seals, and Eric Culbertson.

Row two: Greg Hawkins, Tate Jacobitz, Brian Stankiewicz, Matt Steiner, and Dan McWhorter.

Row three: Chris Tucker, Micah Gliedt, Keith Scroggins, Tim Sherrill, Rob Zembrodt, David Moore, David Hile, Chris Ripke, Braden Wale, and Sam Gould.

Back row: Mark Brock, Rob Stewart, Brian Miesse, Jordan Barr, Adam Joo, Adam Abplanalp, Chris Gunter, Brennan Johnson, Chad Maloney, and Brendan Arnold.



Rob Waller
Darryl Waters
Paul Werner
Tom Westbrook
Ken Wilson

Mark Winn
Mark Winternheimer
Shawn Wischmeier
Mark Ziegler
Nick Zizzo

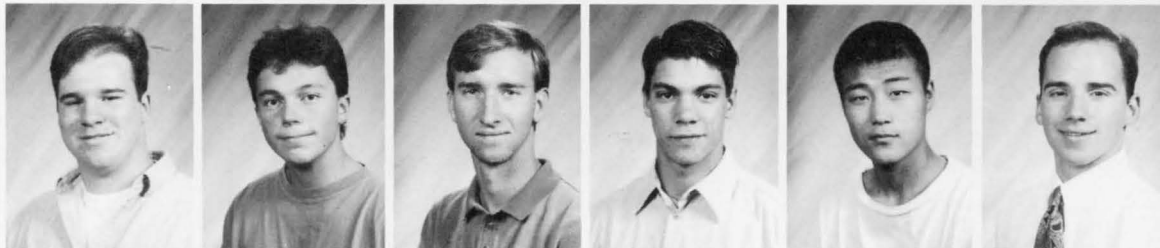
Freshmen

Class of 1997

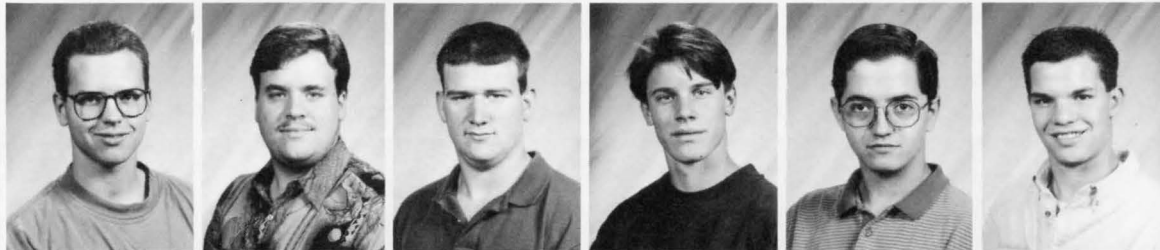
Joe Adam
Darrell Addington
Scott James Alexander
Erik Althoff
Lucas Amodio
James Armstrong



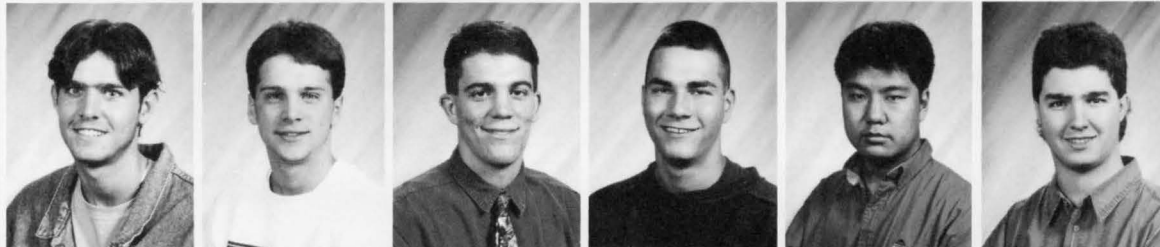
Brendan Arnold
Jordan Barr
Matt Beer
Matthew Bennett
Kris Berceli
Zachary Bethem



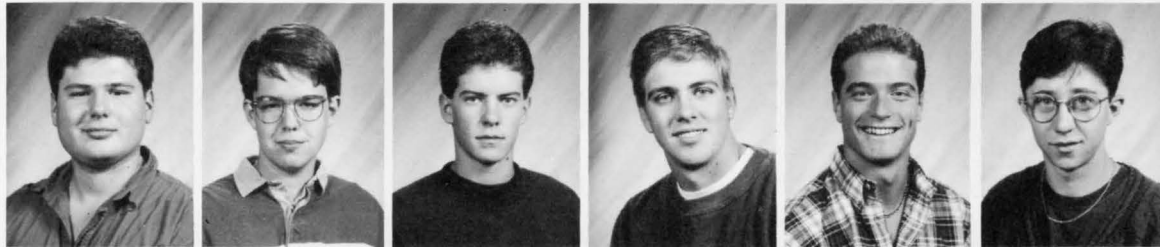
Michael Bickel
Scott Blair
Brandon Boone
Jason Boone
Sam Bowley
Carl Bradway



Mark Brock
Jason Bumgardner
Ben Byers
Jason Castor
Jee Chang
Chris Chappelow



Cameron Clark
Leonard Clark
Christian Colvin
Brad Comer
Scott Condon
Christopher Conley



Andy Cottongim
Ben Crawford
Johnny Crawford
Dan Czuba
Thomas Daffron
Benjamin Davis



Deming 1



Front: Clayton Epps.

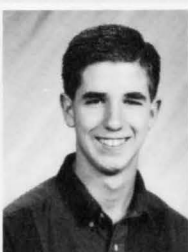
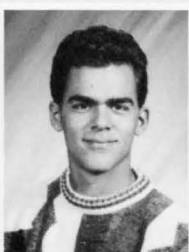
Laying down: Stuart Quay.

Row one: Shane Lewis, Cameron Clark, Ryan Shoemaker, Hans Ritter, Aaron Cole, and Mike Dean.

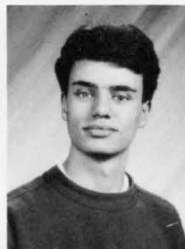
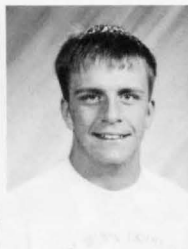
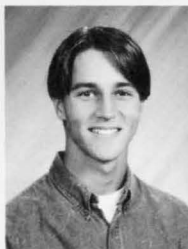
Row two: Mark Lancaster, Gregg Gordon, Anthony Chumney, Paul Werner, Greg Marciniak, Chris Russell, Martin Hiatt, and Todd Hoaglund.

Row three: Troy Halt, Benj Glass, and Chad Welch.

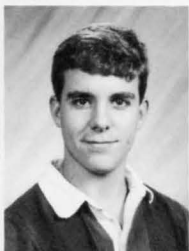
Not pictured: Mike Freese.



**Rick Davis
Michael Dean
Andrew Denlinger
Wade Dexter
John Donaldson
Craig Donze**



**Mike Dorsey
Ty Dubay
Aaron Duffey
Jason Dunham
Shawn Eads
Glen Eckart**



**Eric Edwards
Robert Ekl
Jeff Epperson
Earl Escobar
Brian Fentress
Mark Fields**



**Tim Fischer
Robert Flaherty
Jeremy Flamion
Paul Flory
Michael Freese
Wes Frink**

Deming 2

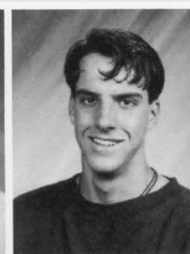
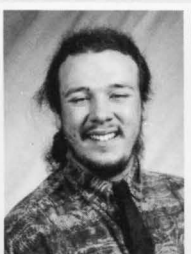
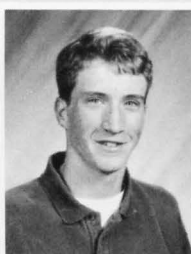
Front row: Jacob Schlitz, Matt Rubacha, Wade Dexter, Thad Fineran, John Cochran, Jeff Shewell, Jason Quiett, and Chris Irwin.

Standing (left to right): Ryan Liegland, Bill Hammond, Scott Alexander, Jason Parkhurst, Scott Hicks, Jeff Seymour, Duane Crum, Jeff Turk, James Poylio, Jamie Love, Ryan Schoenefeld, Troye Welch, Ozgur Ozkaya, Joe Lee, Brian Myers, Jason Moore, Dan Morrissey, Adam Collins, Rick Mohr, Stace Stolfus, Benji Davis, and Andy Long.

Not pictured: Josh Francis, Mark Fyffe, John Pope, Scott Thomas, Mike Mahan, Mark Thompson, Tom Davis, Dan Rubin, and Aaron Mains.



Ryo Fuchinoue
Carl Fuhrmann
L. Parker Gibson
Benjamin Glass
Steven Goetz
Blake Good



Deming 3

Front row: Ben Hochstedler, Clint Brown, Tony Erwin, Craig Cutforth, and Floyd "Norm" Martin.

Row two: Joel Magsig, Chris Vogel, Jason Reinbold, Darian Coons, Matt Erbele, and Justin Guerin.

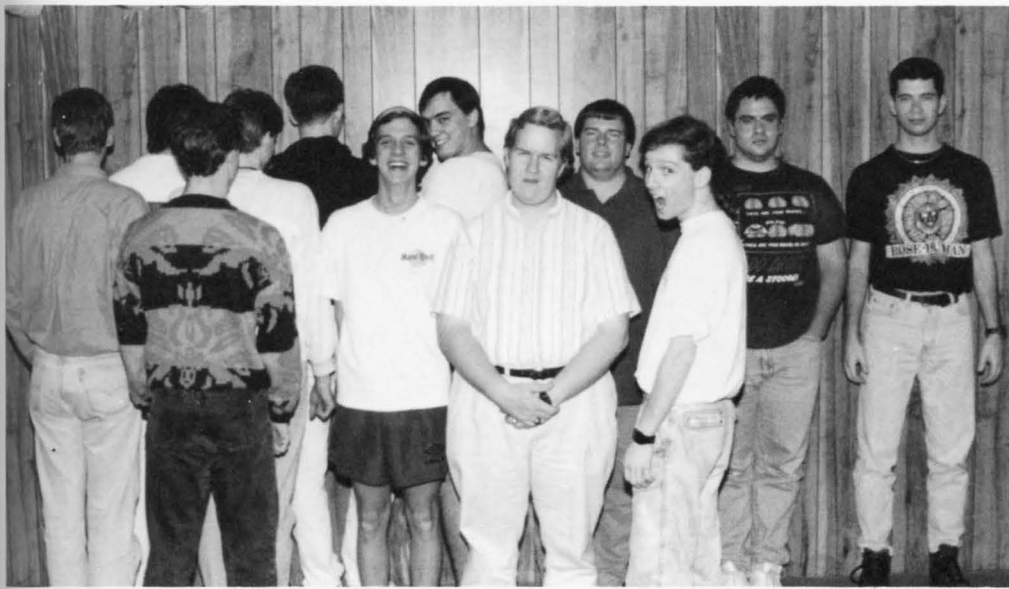
Row three: Aaron Finegan-Cloud, Victor Oquendo, Gerd Klose, Kris Dunn, Kevin Stiner, Ryan Callahan, Bryan Carter, Steve, and John Goodhue.

Back row: Jon "Queen Mother" Osbourne, Brian Gunn, Moataz Eldib, Markus Schneider, Clint Rusk, Brad Town, and Scott Allen.

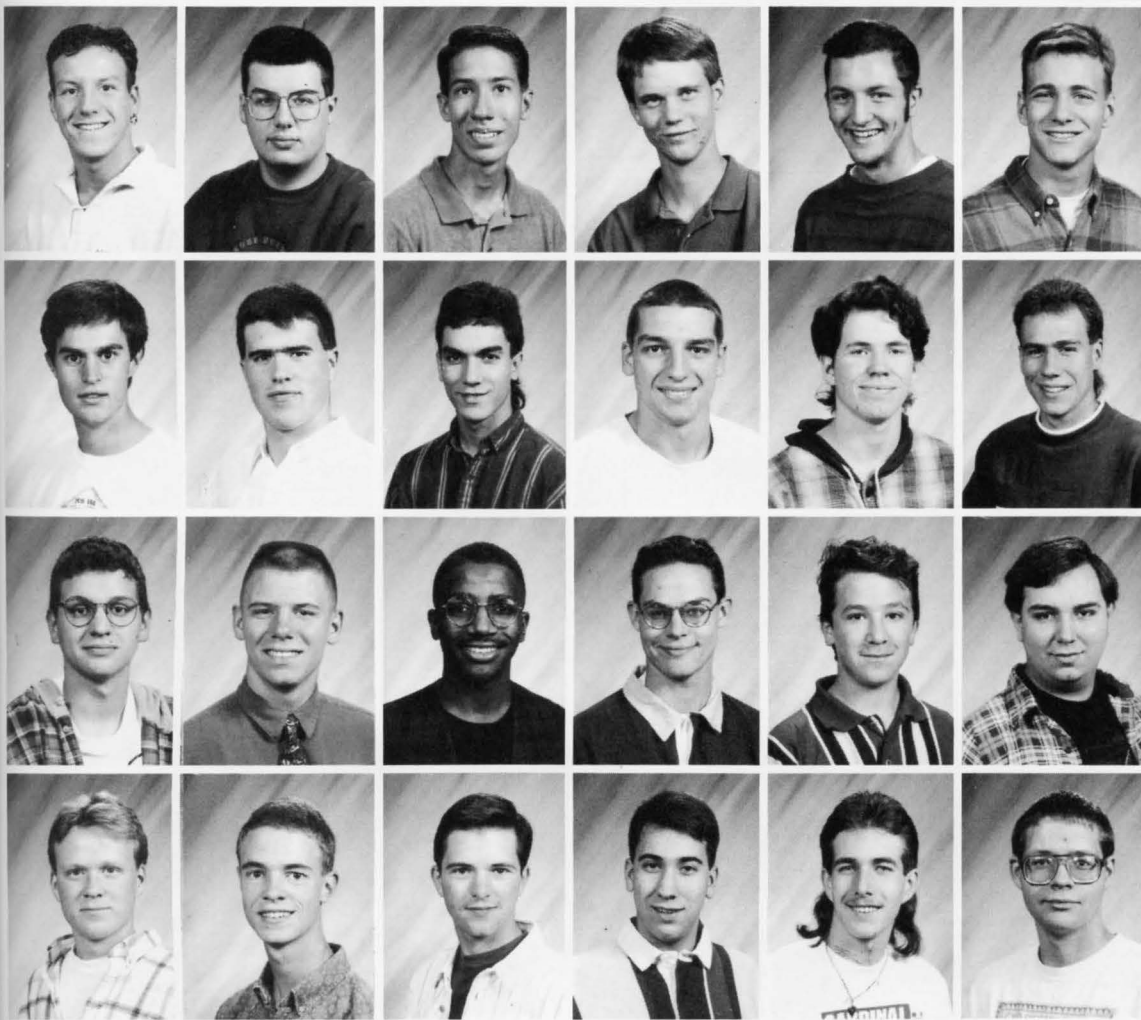
In the window: Chris Seawood.



B-S-B 0



Left to right: Charles Wilson, Erich Leonhardt, Mathew Sommers, Mark Dearing, Dave Pettit, Jason Ross, Eric Collins, Ryan Moore, Steven Shadix, Reuben Hochstedler, David Hynes, and Kelly Orr.



Rick Goodman
Mike Gorbett
Gregg Gordon
Garrett Gough
Christopher Goulah
Tim Grunow

Chris Gunter
Joe Guthrie
Jason Hall
Troy Halt
Zachary Hany
Tony Harbath

Andrew Hartz
David Hawkins
Greg Hawkins
Joseph Head
Anthony Heap
Doug Hendrickson

Andrew Herbert
Jim Heuvelman
Ed Heyob
David Hile
Shawn Hobbs
Wesley Hoffman

B-S-B 1

Front row: Steve Baumeister (standing by pop machine), Chris Chastain, Dean Sellis, Ryan Kinn, and Ryan Rizzo.

Row two: Jim Heuvelman, Thad Mead, Scott Root, Karl Schwantes, Tony Niese, Tony Kohl, Matt Bennett, and Carl Tracy.

Row three: Dan Fox, Nathan Padgett, Andy Herbert, Jay Cress, Dan Neiss, Steve Tovornik, A.J. Sobecki, Wonder Frosh, Ben Lyndgaard, and John Rennekamp.

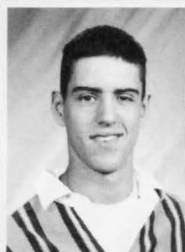
Row four: Carl Rempert, Carl Fuhrmann, Larry Tooley, Johnny Crawford, Tom Woodroof, Tom Ney, James Mann, and Sam Bowley.



Craig Holder
Andrew Horton
Ben Huguenard
Craig Hurst
Chris Irwin
Tate Jacobitz



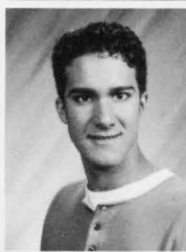
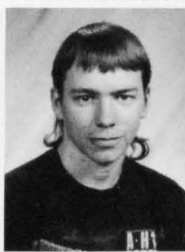
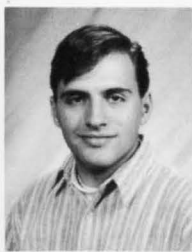
Chris Johnsen
Brennan Johnson
Jason Jones
Adam Joo
Ryan Kinn
Ben Knolle



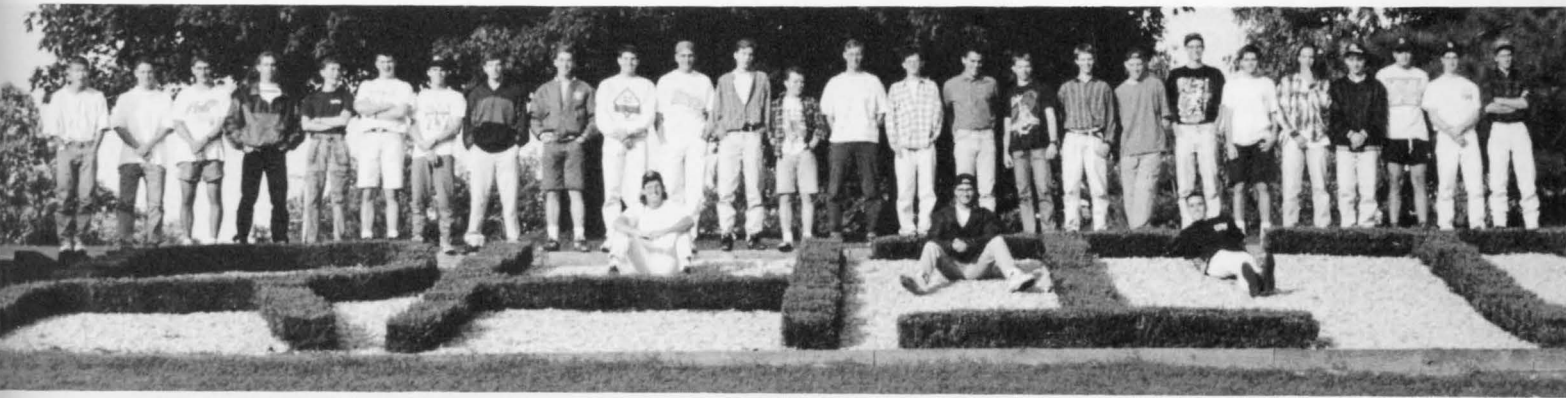
Tony Kohl
John Kos
Mark Lancaster
Tim Lancaster
Kevin Lanke
Ryan Leigland



Shawn D. Leonard
Scott Lewis
Michael Ley
Travis Liggett
Mark Lindsey
Gregory Lindstrom

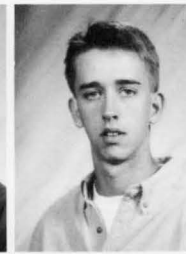


B-S-B 2



Sitting: Ryan VandeWater, Zachariah Chambers, and Mike Rubin.

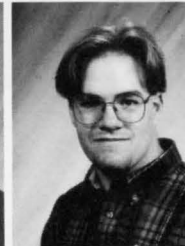
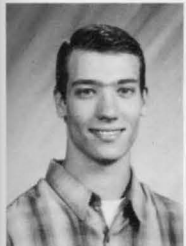
Standing: Kris Berceli, Nate Harold, Jason Schaefer, Clay Wulliman, Brian Teegardin, Joe Guthrie, Greg Jarboe, Greg Lindstrom, Trent Woodworth, Brian Weber, Jeremy Newton, Corey Miller, John Rozmaryn, Matt Beer, Ben Stiltner, Andy Denlinger, Mike Ley, Garret Gough, Ben Huguenard, Rick Davis, Pete Shadix, Jason Magnusson, Mike Moser, Bryan Veale, Nathan Kluemper, and Jesse Comer.



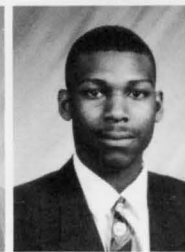
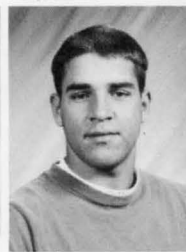
Mike Lockwood
Andy Long
Darren Long
Parke Lucas
Ben Lyndgaard
Tom Mach



Chad Macy
Jason Magnusson
Michael Mahan
Aaron Mains
Chad Maloney
James Mann



Brian Mathis
Scott McDonald
Seth McElhinney
Matt McGuan
Sean McGuffie
Dan McWhorter



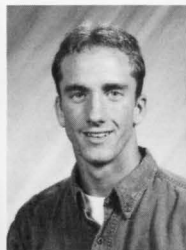
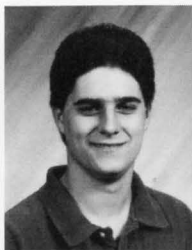
Luke Meyer
Corey Miller
Jeremy Milliman
Chad Mills
David Moore
Erik Moore

B-S-B 3

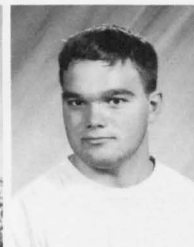
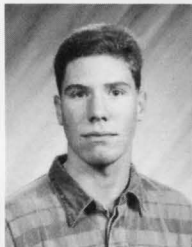
Laying down: Alan Sundheimer. On couch: Jason Chanseke, Jared Madry, Chad Mills, Ty Dubai, and John Hale. Row two: Scott O'Brien, Scott McDonald, Dusty Janes, Randy Pelkey, Matt Arrington, George Houpis, Ken Bedel, Richard Royse, and Mark Kim. Row three: Clyde Colaco, James Kanicky, Jee Chang, Emrah Sumer, Joe Head, Jon Shaw, Brian Finch, Jason Richardson, Todd McCorkle, and Craig Hurst. Row four: Bob Flaherty, Jason Bumgardner, Brian Wessel, Craig Donze, Matt McGuan, Jason Jones, and Eric Wathen. Row five: Jeremy Flamion, Brandon Verbrugge, Nate Poehlman, Bryce Clark, Darren Long, Neil Scheibe, and Wes Frink.



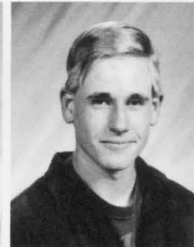
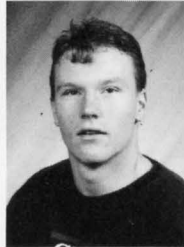
James Moore
Jason Moore
Wayne Moore
Kent Murphy
Brian Myers
Jeremy Newton



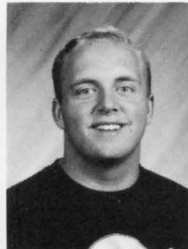
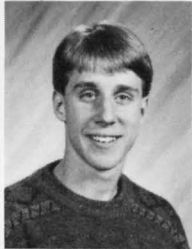
Anthony Niese
Rusty Nighbert
Jeff Nord
Michael Olsen
Paul Olsen
John Orlando



Michael Owens
Nathan Padgett
Jason Parkhurst
Sanjeev Patel
Allen Patrick
Tyson Patterson



Randy Pelkey
John Peyton
Nathan Poehlman
Barry Portman
Neil Powell
Stuart Quay



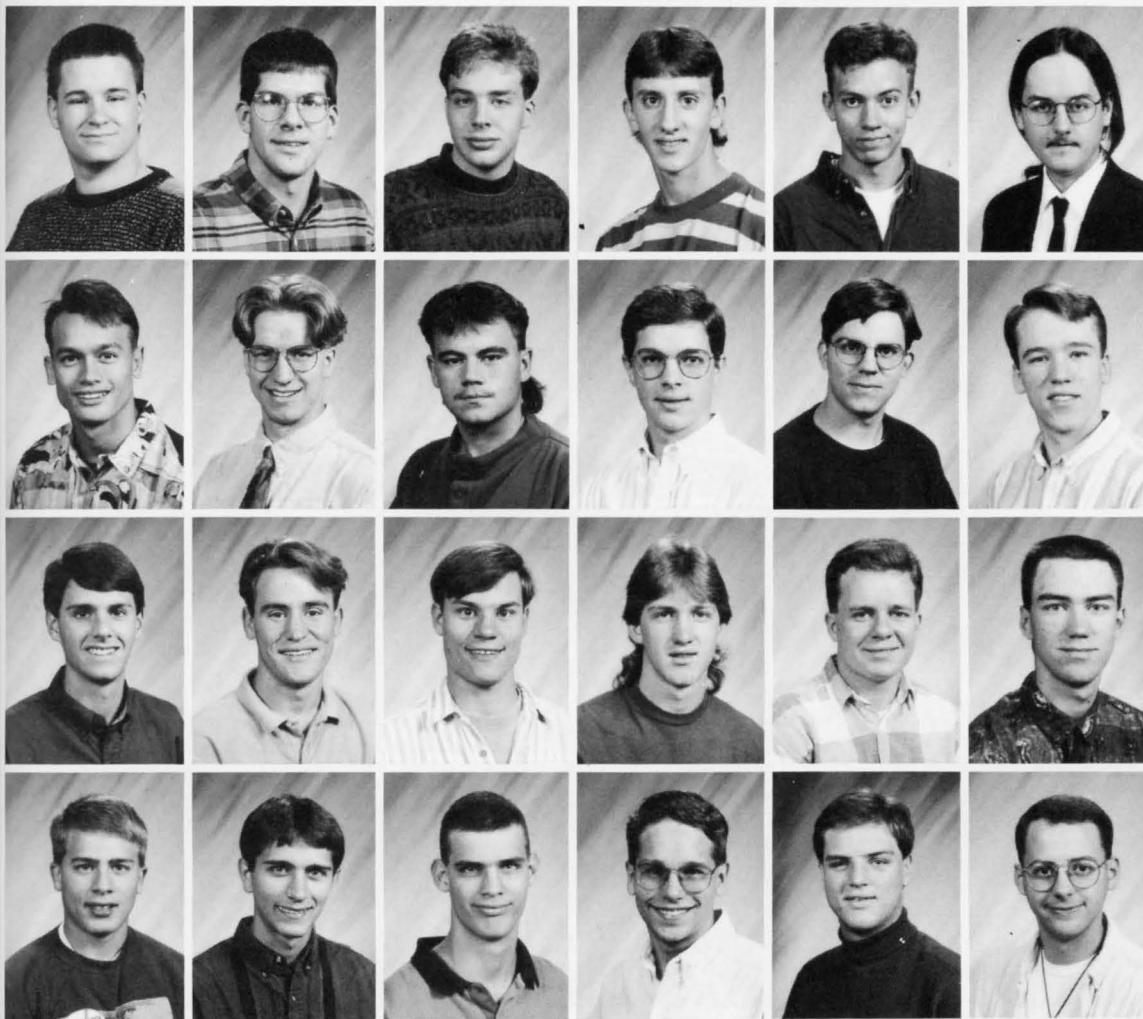
Speed 1



Kneeling: James Feaster, Sanjeev Patel, Dan Czuba, Chad VanFleet, Brian Fentress, Ryo Fuchinoue, Kevin Lanke, and Brian Roth.

Standing: Wes Hoffman, Brad Collier, Moone Singhe, Andy York, John Welliver, Mike Gorbett, Ted Hulsman, Sean Lynch, Scott Blair, Chris O'Malley, Rob Gill, and Jeremy Smith.

Not Pictured: Andy Personett, Rob Ekl, Glen Eckart, Jason Boone, Brandon Wilson, Brandon Boone, Matt Weir, Kurt Johnson, Alex Altshuler, Scott Condon, Mike Riley, Andy Cottingim, Rick Goodman, and Andy Maschino.



Jason Quiett
Mike Rees
Carl Rempert
John Rennekamp
Dan Rennie
Jason Richardson

Mike Riley
Timothy Riley
James Ringer
Hans Ritter
Ryan Rizzo
Greg Roberts

Robert Rock
Greg Rossi
Brian Roth
Richard Royse
John Rozmaryn
Brad Rudolph

Scott Safer
Jason Schaefer
Neal Scheibe
Lawrence Schiefer
Ryan Schoenefeld
William Scott

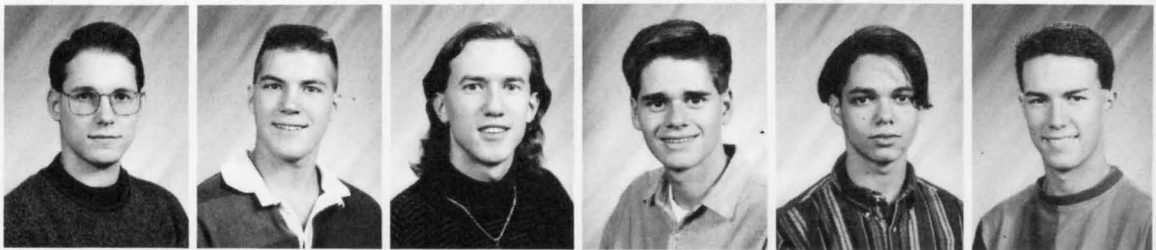
Speed 2

Sitting: Mark Fields, Chris Russell, Ben Byers, John Peyton, Dave Hawkins, Richard Skaggs, Andy Hartz, John Orlando, Vince Valenzuela, Luke Meyer, Sean Eads, Mike Olsen, and Zach Hany.

Standing: James Edgcomb, Brian Miesse, Eric Edwards, Scott Kuester, Tommy Daffron, Mike Weishaar, Jeff Nord, Dan Schuck, Joe Adam, Mark Query, Leonard Clark, Earl Escobar, A.J. Patrick, Erich Kunnemann, Dale Hartzell, Erik Moore, Dave Ireland, Mike Wisecup, Doug Hendrickson, and Eric Wind.



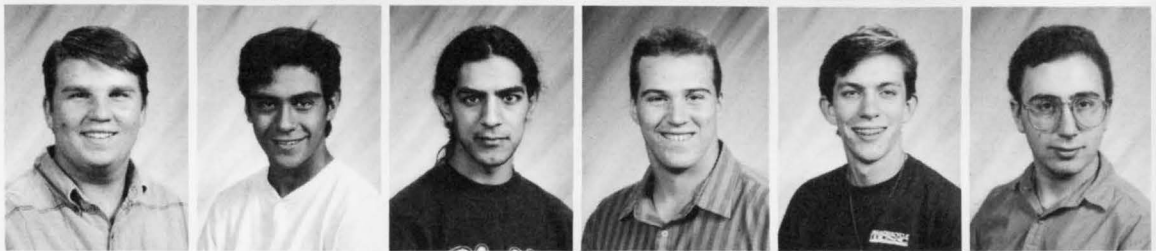
Keith Scroggins
Ryan Seavert
Jeffery Seymour
Peter Shadix
Jonathan Shaw
Ryan Shaw



Jeffrey Shewell
Brian Shivers
Nathan Sittler
Richard Skaggs
Alan Sobecki
Sean Springman



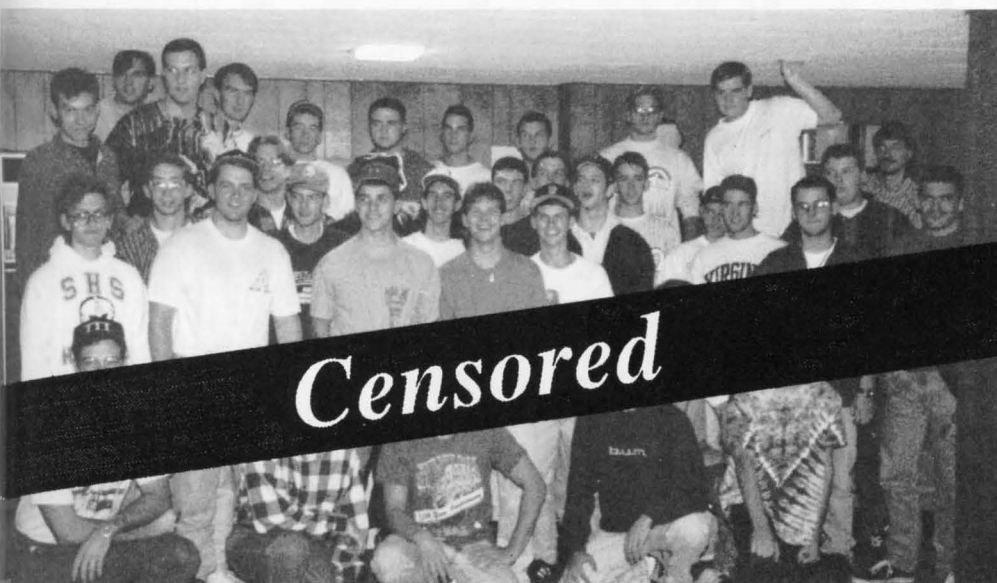
Matt Steiner
Robert Stewart
Mehmet Sumer
Ryan Summers
Brian Teegardin
Scott Thomas



Mark Thompson
Steve Tovornik
Andrew Trinh
Micah Trusty
Chris Tucker
Jeff Turk



Speed 3



Kneeling: Corey Swenson, Ed Heyob, Dion Walz, Wayne Moore, and Mike Olsen. Head peaking around door: Jeff Epperson. Row two: Tyson Patterson, Jim Plahitko, Jake Flagle, Kris Reed, Chad Wright, Brett Jones, Bill Scott, and Jason Dunham. Row three: Terry Deak, Tim Riley, Paul Flory, Shawn Hobbs, Tim Fischer, Mike Lockwood, Bill Fleming, Tom Mach, Shawn Springman, and Brian Shivers. Back Row: Dan Rennie, Scott Lewis, Eric Roggeman, Steve Goetz, John Donaldson, Nate Warfel, Jason Kester, Craig Holder, Larry Schiefer, Mark Morgan, and Shawn Leonard. Not Pictured: Chris Goulah, Neil Ludban, Chad Schwartz, Paul Siktberg, Brad Rudloph, Pat Fitzgerald, Matt Allen, Cassidy Clark, A.J. Wilkerson, and Chad Macy.



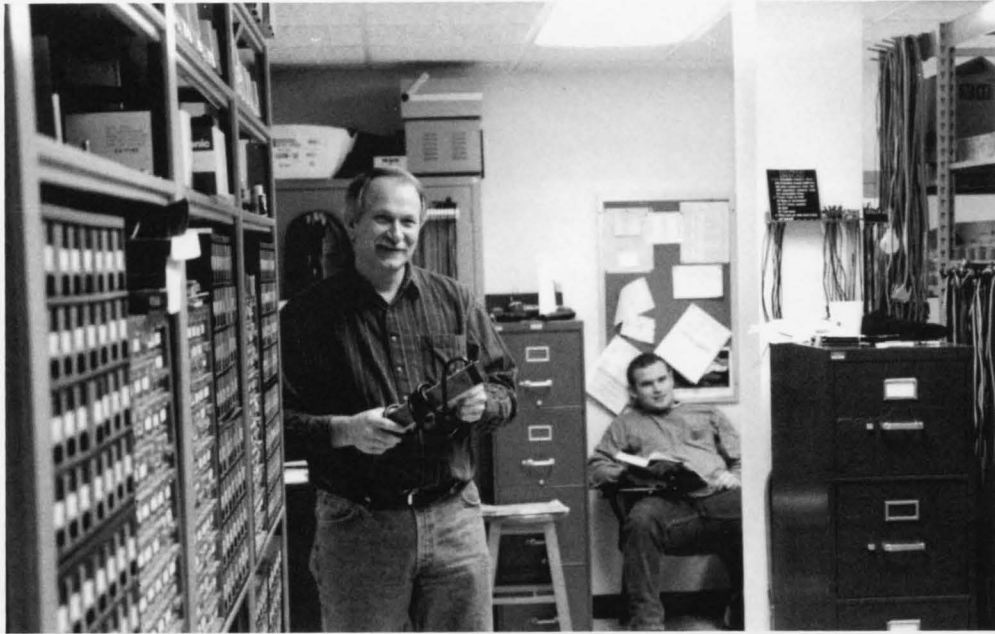
**Vincent Valenzuela
Bryan Veale
Brandon Verbrugge
Anthony Voi
Braden Wale
Dion Walz**

**Eric Ward
Nate Warfel
Brian Weber
Matt Weir
Aaron Weishaar
Chad Welch**

**Brian Wessel
Brandon Wilson
Eric Wind
Mike Wisecup
Tommy Woodroof
Trent Woodworth**

**Mike Wujciga
Andy York
Rob Zembrodt**

FACULTY



And

STAFF



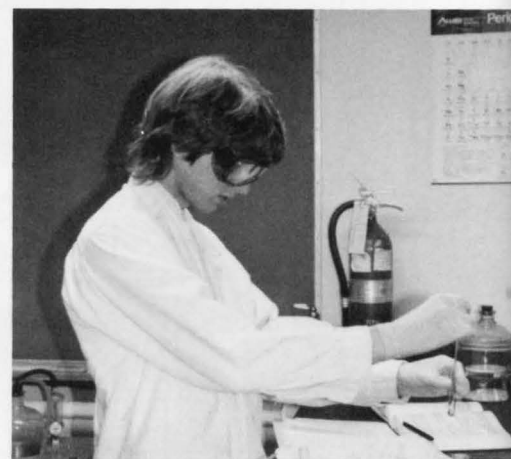
Chemistry



The Department of Chemistry continues to pursue curricular innovations, especially at the freshman level. A new laboratory-driven "discovery" approach to General Chemistry, as well as the chemistry contribution to the Integrated First Year Curriculum in Science, Engineering, and Mathematics, presently involves the majority of the chemistry faculty during the fall and winter quarters.

The acquisition of state-of-the-art instrumentation and its incorporation into upper-level chemistry courses and research remains one of the chief departmental goals.

At the present time, the department is conducting an extensive review and revision of the entire chemistry curriculum, with special emphasis on a possible reorganization of the course sequence at the sophomore level.

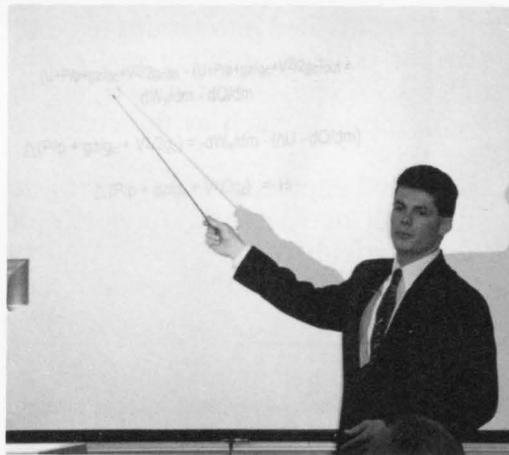


Top: (front row) Luanne Tilstra, Edward Mottel, Kathy Samm, and Marolyn Nees; (back row) David Erwin, Michael Mueller, Howard McLean, Dennis Lewis, Bruce Allison, Mark Ball, James Rybarczyk, and Neil Flatter.

Above, left: Dr. Allison demonstrates glass-blowing techniques.

Above, right: Douglas Stanek works on an Organic Structure Determination lab.

Chemical Engineering



The biggest news in the Department of Chemical Engineering for 1994 is a major curriculum review. The main goal for this review is to compare existing classes, looking for chances to remove redundancy, and provide smooth transitions between classes. Other goals include an effort to integrate the use of computer software tools such as Mathematica and Maple.

Another priority this year is the formation and nurturing of a CO-OP and internship program in chemical engineering. Pfizer and Eli Lilly already participate in this program which supplies chemical engineering students with valuable industrial experience prior to graduation. It is hoped that this valuable "head start" will make graduating Rose-Hulman chemical engineers a powerful contribution to the workforce.

Top: Carl Abbeg, M. Hossein Hariri, Stuart Leipziger, Donna Snedeker, Frank Cunning, William Baratuci, Ronald Artigue, and Jerry Caskey.

Above, Left: Dr. Artigue, Acting Chemical Engineering Department Head.

Above, right: Joseph Phillips giving an oral presentation.

Civil Engineering



Civil engineering is an exciting and rapidly changing field. Work in civil engineering, as well as the technology needed to perform that work, is becoming increasingly complex. The Department of Civil Engineering has made some changes to meet these new needs.

The most visible example of introducing technology to solve problems was the use of EDM total surveying stations. These allow students to survey an area more quickly and accurately.

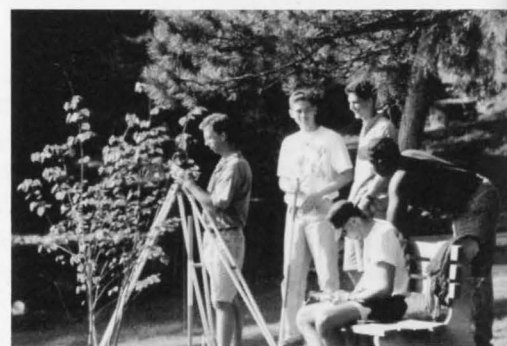
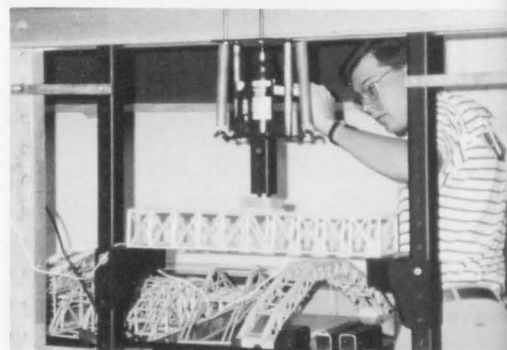
To better meet the needs of students, some curriculum changes have been introduced. Most notably, Structures I and II were combined into one class, the environmental engineering classes were reordered, and material science was moved.

The civil engineering department takes great pride in the various activities and projects in which students participate.

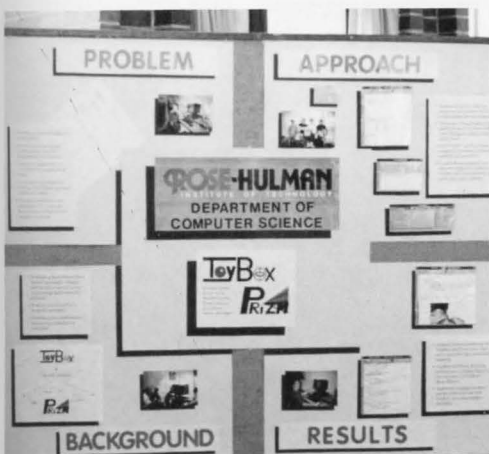
Seniors are divided into groups to work on senior projects, solving real-world problems. ASCE is currently trying to improve projects such as the concrete canoe.

The civil engineering department is putting it all together: new technology, a revised curriculum, and design projects all combine to make the best program possible.

Top: (front row) Kathy Nicoson, Keith Royer, and James McKinney; (back row) Tom Descoteaux, Martin Thomas, Robert Houghtalen, and Cecil Lobo. Right, top: The balsa wood bridge contest, held annually during Parent's Weekend. Right, bottom: Surveying students level their transits.



Computer Science



The computer science curriculum prepares students for careers in all areas of the computer industry, as well as for graduate studies in computer science and computer-related fields. Students have also found a computer science major to be excellent preparation for careers in other technical and non-technical fields.

Computer science is a new and rapidly changing discipline. The lifetime of a particular computer system or software package can be very short. The computer science curriculum is designed to prepare students for multiple careers in a rapidly changing environment. The department's courses emphasize fundamental concepts and techniques that will last longer than present technology.

Programming assignments and large projects are part of most computer science courses.

Top: Cary Laxer, Lynn Degler, Claude Anderson, Pat Kalua, Frank Young, and Dale Oexmann.

Above, left: ToyBox Prizm poster submitted to the ACM Conference in Phoenix.

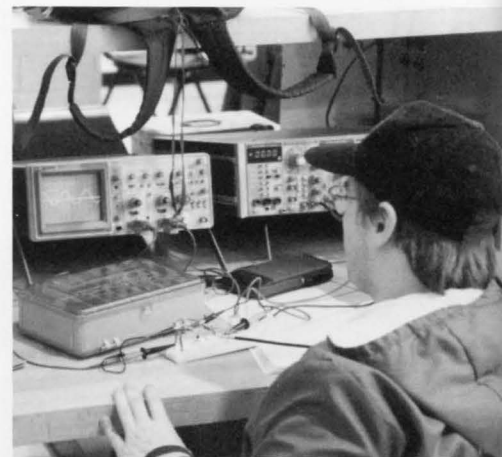
Above, right: Jason Ross, Eric Schwarz, and Bill Faust present their project, Multimedia Magazine.

Electrical & Computer Engineering



The electrical engineering curriculum provides basic preparation for a career in research and development, manufacturing, sales, and for graduate study in electrical engineering and engineering education. Electrical engineers are concerned with the processing of information, such as in communications systems or electronic computers, and with the control and conversion of electric energy, such as in the generation, transmission, and utilization of electric power.

Individual students are assisted in developing a thorough understanding of the physical and mathematical principles underlying basic electrical processes and devices.



Top: (front row) John H. Derry, Barry J. Farbrother, Ivonete Markman, Sue Dayhuff, Jeffrey E. Froyd; (middle row) Tony Valois, Bill Eccles, Niusha Rostamkolai, Cliff Grigg, Dave Gahimer; (back row) Billy Lancaster, Mark Yoder, Frank Acker, and Keith Hoover. Above, left: Sue Dayhuff, Electrical and Computer Engineering Department Secretary. Above, right: John Samosky tests a recently made circuit.

Humanities, Social & Life Sciences



The HSLS department continues to change, with faculty going on and returning from leave, and new faculty added. Dr. Scott Clark, formerly of Indiana State University, has been hired as Assistant Professor of Anthropology and Director of East Asian Studies. Dr. Brophy (psychology) and Dr. Dyer (English) have returned from their leaves; Dr. Mason (Economics) will return next fall, and Dr. Carlson (American Literature) will return in 1995.

The department encourages students to avail themselves of international experiences to prepare for the new global environment. This past summer, students studied and traveled abroad in Russia, China, Germany, and Japan. The department hopes to hire a Director of International Programs to expand these programs further.



Top: Thad Smith, Scott Clark, Toshiyuki Yamamoto, Hannelore Lehr, Caroline Carvill, Heidemarie Heeter, Peter Parshall, Heinz Lugenbiehl, Betty Moore, Dale Bremmer, John Ying, Bill Pickett, and Pat Brophy.

Above, Left: Betty Moore, Humanities and Life Sciences Department Secretary.

Above, right: Susan Smith, Learning Center Director.

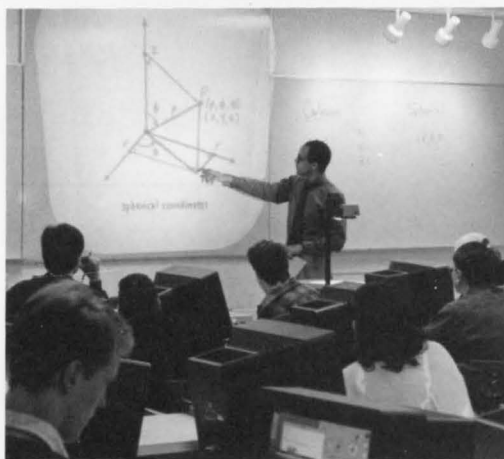
Mathematics



Activity has focused on the addition of technology in the Department of Mathematics at Rose-Hulman in recent years. Professional involvement is at its highest level in years, and the already high level of integration of technology into the classroom is being expanded.

The department has continued its support of math competitions at the collegiate and high school levels. Rose-Hulman student involvement this year included participation in the Alfred Schmidt Freshman Competition, as well as the national Putnam Examination.

The mathematics department has added five applied mathematicians in the last few years, strengthening its commitment to applied mathematics. The faculty are all very involved in their professional capacities, with involvement from textbooks, to publishing papers, to editing columns in math journals.

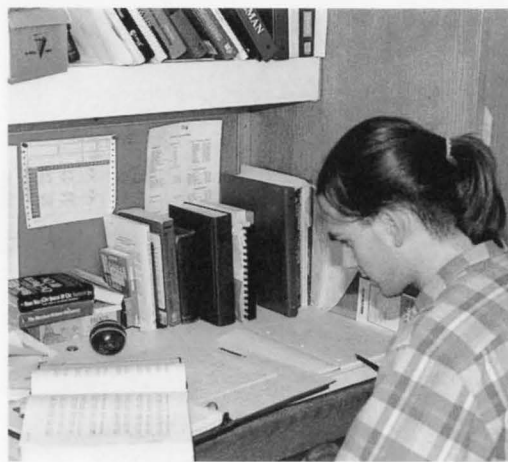
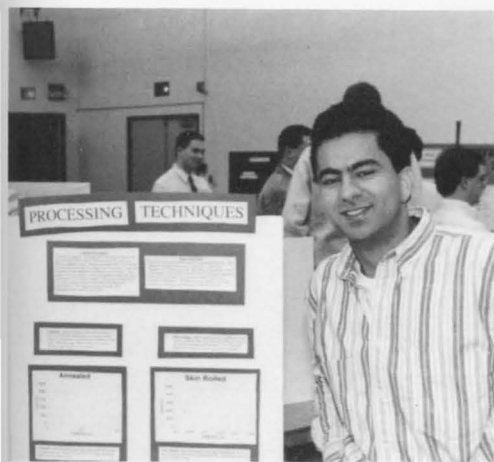


Top: (front row) Roger Lautzenheiser, Robert Lopez, Mary Lou McCullough, Lynn Kiaer, Gary Sherman, Steve Carlson, Elton Graves, Yosi Shibberu; (back row) Nacer Abrouk, Kurt Bryan, George Berzsenyi, Brian Winkel, Aaron Klebanoff, and John Kinney.

Above, left: Professor Yosi Shibberu gives a riveting lecture on spherical coordinates.

Above, right: Students Nick Tallyn and Neil Sheib are relaxing in the math department.

Mechanical Engineering



The Department of Mechanical Engineering is well grounded in basic fundamentals and principles of engineering and science necessary for career preparation in the field of engineering.

Students are not encouraged to specialize in a particular area, but rather to seek a broad background in basic engineering principles. However, a number of elective courses are available for students who wish to pursue a career in aerospace engineering.

The mechanical engineering department also offers graduate work leading to a master of science degree. Options are available in the general areas of thermal/fluid systems and solid systems design. These options are devoted to developing a deeper understanding of engineering and are not intended to constrain the student to a high degree of specialization.

Top: (front row) Paula Duggins, Don Morin, Phil Cornwell, Don Dekker, Mallory North, Darrell Gibson; (middle row) Lee Shirely, Mike Fulk, Vojin Nikolic, Wayne Sanders, Bob Steinhauser; (back row) David Purdy, David Stienstra, Bill Ovens, Tom Roper, and Alan Youngblood.

Above, left: Motaz Eldib displays his research in the annual poster session.

Above, right: Jeff Hall, working on Thermodynamics homework.

Military Science



All Rose-Hulman students can enroll in the Army ROTC program, completion of which leads to a commission as second lieutenant in the Regular Army, Army Reserve, or Army National Guard. Students completing the program will receive commissions upon graduation and go on to serve a specified period of active duty ranging from three months to four years, depending on the student's choice of commissioning program and Army requirements.

The ROTC program develops discipline, decision-making skills, and potential as a leader and manager. The program includes the Basic Course for freshmen and sophomores and the Advanced Course for juniors and seniors. Students incur active duty and reserve commitments upon enrollment in the Advanced Course or through the ROTC scholarship program.



Top: (front row) SSG Fox, Peggy Grant, CPT Meuschke; (middle row) SFC Duncan, SGM Harris, Barbara Shaw; (top row) CPT Koenig, CPT Jones, and LTC McMahon.

Above: Early morning physical training. Right: Presentation of the colors at a Rose-Hulman football game.



Military Science



Students interested in an Air Force career may enroll in Aerospace Studies courses at Rose-Hulman. Completion of a baccalaureate degree and Air Force ROTC will allow students to enter the Air Force as a second lieutenant.

Prior to commissioning, all cadets attend a field training session at a designated Air Force base. Field training helps familiarize cadets with what they should expect as an Air Force officer. Career orientation, jet orientation flights, and physical training are emphasized.

For the second year in a row, the Army and Air Force conducted a joint commissioning ceremony. Featuring Major General George Kuttas as guest speaker, 11 Army and 3 Air Force graduates took their oath of office.



Top: SSgt. Michael Wooden, Capt. Michael J. Rusnak, Col. Charles A. Heiser, III, SSgt. David C. Green, Capt. Robert E. Watts.
Above, Left: Capt. Rusnak poses in front of aircraft at courthouse on Veteran's Day.
Above, right: SSgt. Wooden speaks to a cadet.

Physics & Applied Optics

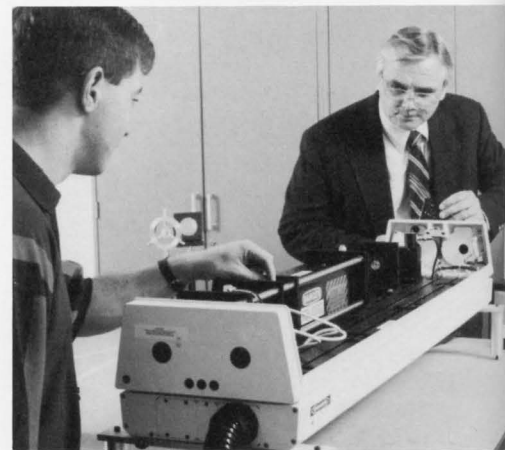


Among the changes in the Department of Physics and Applied Optics was modification of the area minor in applied optics. The minor was modified to provide additional flexibility in scheduling for students.

Also, development of course material in optical lithography took place. The modeling program PROLITH/2 was used. Also, course material was developed in solid state device theory modeling programs using SUPREME and SPICE.

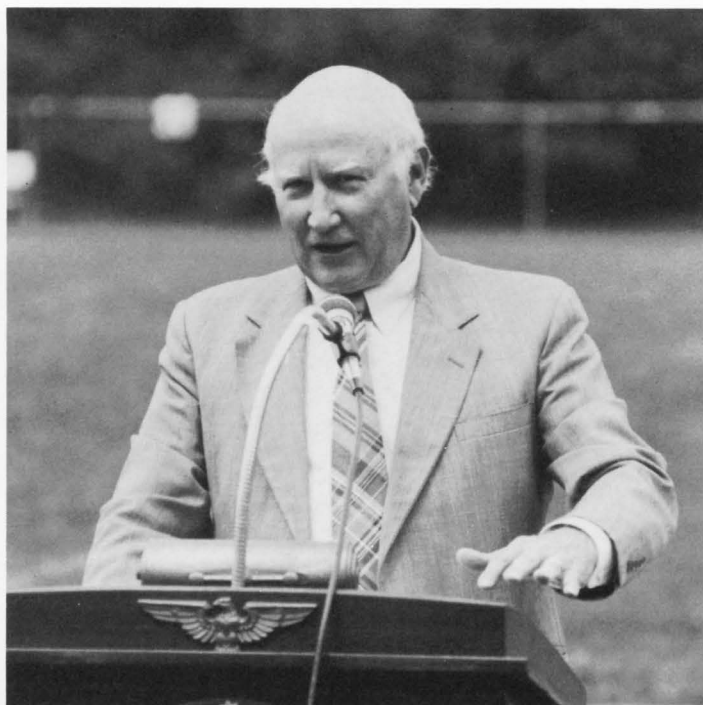
Sharing knowledge was another big part of the year. Students and faculty published more than 15 papers and made more than 12 presentations at conferences. The papers and presentations included national audiences.

In faculty news, Sudipa Mitra-Kirtley joined the department as an assistant professor of physics and applied optics. Michael McInerney received notification of a Fulbright Fellowship for 1994-95. He will use it to teach in the Philippines.



Top: Charles Joenathan, Jerome Wagner, Brij Khorana, Azad Siahmakoun, Richard Ditteon, Robert Bunch, Granvil Kyker, Michael Moloney, Michael McInerney, Bruce Danner, Art Western, Sudipa Kirtley, Mary Rickard.

President



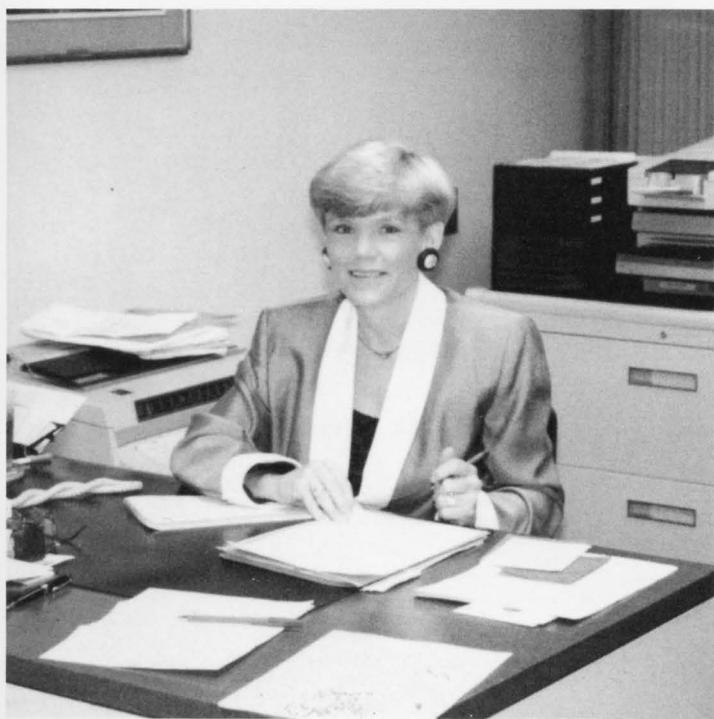
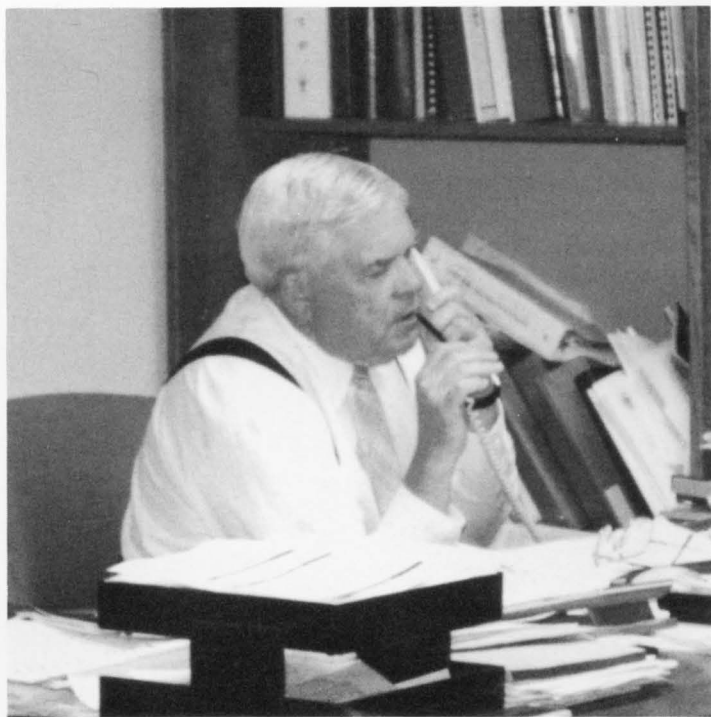
*Top: President Samuel Hulbert welcomes the incoming Class of 1997 during the first day of Freshman Orientation.
Above, Left: President Hulbert greets everyone with a smile as he enters his office in the morning.
Above, right: President Hulbert gets the honor of crowning the homecoming queen each year.*

Administration & Staff



Upper left: Dr. James Eifert, Dean of Faculty.
Upper right: Dr. Jess Lucas, Dean of Students.
Lower left: Pete Gustafson, Associate Dean of Students.
Lower right: Tom Miller, Assistant Dean of Students.

Administration & Staff



Upper left: **Student Affairs** - Tola Johnson, Assistant to Director of Financial Aid; Luann Hastings, Secretary; Kathy Gambill, Administrative Assistant; Kim Jones, Secretary.

Upper right: Paul Steward, Director of Financial Aid.

Lower left: Linda Gilbert, Administrative Assistant to the President.

Lower right: Diann Ringo, Administrative Assistant to the Dean of Faculty.

Administration & Staff



Upper left: **Admissions** - Brian Dyer, Associate Director; Timothy Prickel, Associate Director; Chuck Howard, Dean of Admissions; James Goecker, Associate Director.

Upper right: **Admissions** - Pam Hamilton, Secretary; Nancy Helsper, Administrative Assistant; Jane Staley, Secretary.

Lower left: **Registrar** - Phyllis Phegley, Secretary; Sue May, Administrative Assistant; Lou Harmening, Registrar.

Lower right: **Graduate Studies** - Menka Neil, Secretary; Buck Brown, Dean of Graduate Studies.

Administration & Staff



Upper left: **Administration and Finance** - Roger Fecher, Vice President for Administration and Finance.

Upper right: Annette Brainard, Personnel Coordinator.

Above: **Business Office** - Kelly Henson, Accounts Payable; Connie Bell, Student Accounts; Debbie Bissinger, Payroll Coordinator; Betty Dyer, Accounting; Jan Jerrell, Student Bank Clerk; Mary Lou Trego, Accountant; Rob Coons, Controller; Phyllis Proctor, Administrative Assistant to the Controller.

Administration & Staff



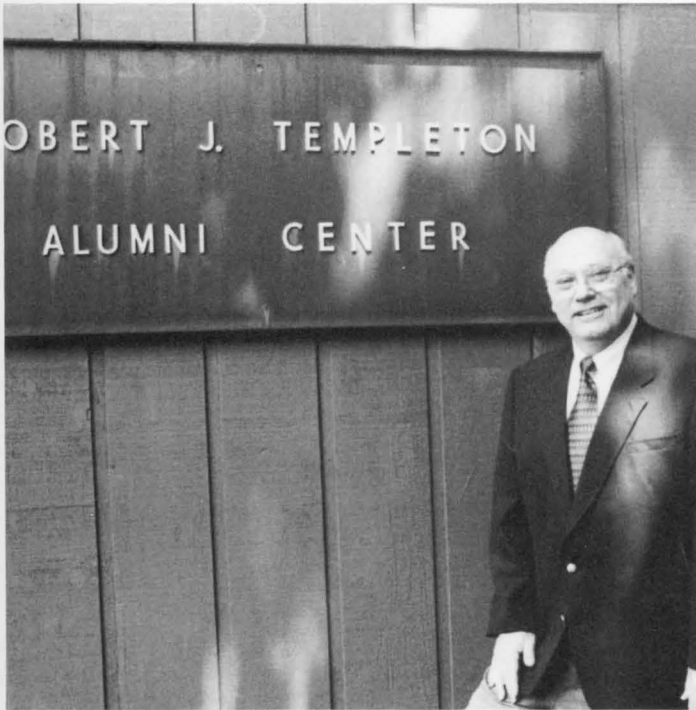
Upper left: **White House Development Staff** Don Ragsdale, Executive Dir. of Development; Stan Hawley, Assoc. Dir. of Development; Teresa Goddard, Secretary; Billie Holechko, secretary; Carol Wetherell, Assoc. Dir. of Development; Phil Purcell, Dir. of Planned Giving.

Upper right: **College Relations** Dale Long, Associate Dir. of Communications; Dave Piker, Dir. of External Affairs; Bryan Taylor, Dir. of Publications; Donna Burns, Secretary.

Lower left: **Alumni Affairs** Tony Wellings, Director of Alumni Affairs; Bettie Evinger, Assistant Director of Alumni Affairs.

Lower right: **Placement** Jaynie Casey, Career Counselor; Bill Sisson, Dir. of Career Services; Sonnie Hill, Secretary.

Administration & Staff



Upper left: Ron Reeves, Vice President of Development.

Upper right: **Hulman Union** Lisa Parker, Assistant Director of Activities; Irene Mitchell, Assistant Director of the Student Union; Donna Gustafson, Director of the Student Union.

Above: **Computing Center** (top row) Darren Peterson, Dr. A.T. Roper, Jeff Davidson; (middle row) Mary Anne Pierce, Mike Allard, Sue Storckman; (bottom row) Nancy Bauer, Bernie Timberman, Kevin Davidson.

Administration & Staff



Upper left: **Bookstore** - Anita Creasey, Bookstore Manager; Pat Jefferies, Assistant Bookstore Manager.

Upper right: Jack Bagley, Print Shop Technician.

Lower left: Marjorie "Polly" Seamon, Art Curator.

Lower right: **Logan Library** - Sondra Nelson, Admin. Assistant; Margaret Ying, Assistant to Librarian; John Robson, Librarian.

Administration & Staff



Upper left: Steve Cox, Instructional Services Coordinator.
Upper right: Karen Pershing, Assistant Manager of Administrative Services.
Lower left: Steve Miller, Manager of Administrative Services.
Lower right: Paulette Irwin, Switchboard Supervisor.

Administration & Staff



Top: Housekeeping - (front row) Ron Slight, Frances Foster, Donna McAllister, Helen Backfish, Mary Miller; (back row) Harry Gordon, Bob Morris, Lucy Strauch, Judy Kelley, Richard Mott, Cindy Wampler; (missing) Linda Dewey, Walt Ellis.

Middle: Maintenance - (front row) Tony Snow, Scotty Roy, Jerry Stamper, Gerald Hartsock, Andy Baughman, Tom Thompson; (back row) Rick Alumbaugh, Tom McConnell, Bill Lawson, Buck Davies, Tom Terry; (missing) Sonny Hawkins, Dale Lynch, Bruce Smith, Bill Wineinger.

Bottom: Grounds - Dean Murphy, Tom Liebert, Matt Pink, Ron Slight, Ron Hicks, Jack Whittington; (missing) Pat Bayles, Allen Donnelly, Howard Smith.

Administration & Staff



Upper left: **Health Services** - Dr. William Bannon, Nurse Cheryl Burgess, Dr. John Freed.

Upper right: Gloria Rogers and Judy Vineyard, academic services

Lower left: Dick Boyre, Director of Corporate and Foundation Relations; Janet Newman, development administrative assistant; and Shirley Drake, development records and research.

STUDENT

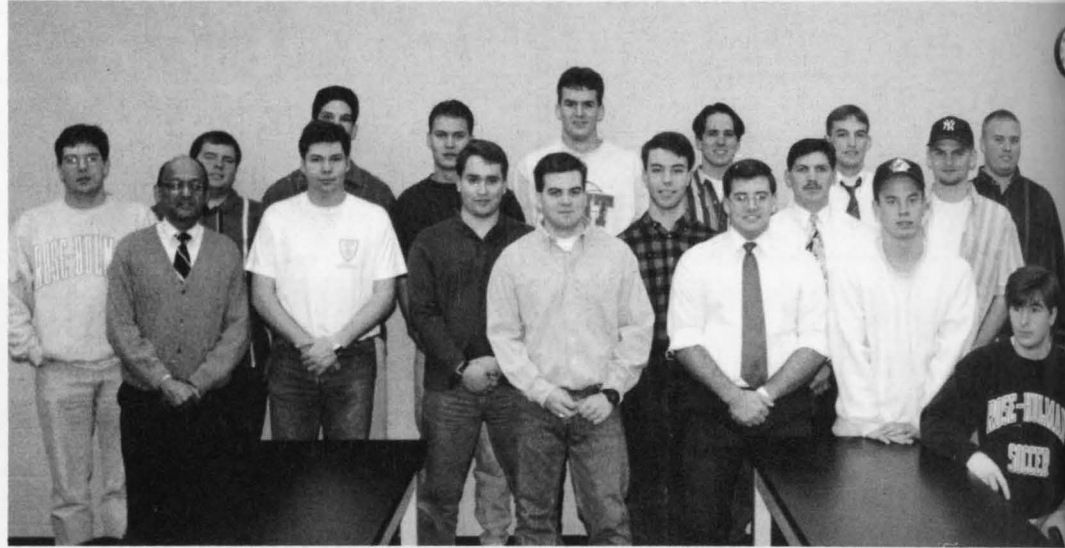


ORGANIZATIONS



AMERICAN SOCIETY OF CIVIL ENGINEERS

ASCE is a professional organization composed of Rose-Hulman civil engineering students who are interested in gaining more experience about their profession and gaining experience outside the classroom. ASCE hosts two picnics each year and a winter banquet featuring a guest speaker who is prominent in the field of civil engineering. ASCE also competed in the steel bridge competition as part of the Great Lakes Conference. In addition to these events, ASCE hosts a variety of speakers and field trips throughout the year.



*Back row: Steve Shadix, Jim Czarnick, Bob Snedeker, Chris Wheatley, Chris Capshaw, Shane Nocus, and Craig Donze;
Middle row: John Ashbaugh, Dr. Cecil Lobo, John Havron, Matt Anderson, Adam Staley, Don Potter, and Nate Miller;
Front row: Kerry Phillips, John Frerich, Ed Storrs, and Brian Shattuck.*

ETA KAP- PA NU

*Top row: Gary Gutknecht, Dr. Frank Acker, and Tom Tyson;
Row 6: Brian Wetzker, Reuben Hochstedler, Yu-Chun Ku, and Jay Moorman (Sec.);
Row 5: Daniel Janko (V.P.), Tim Walker (Pres.), and Brian Niepoky;
Row 4: Lans H. Carstensen, Matt Frank, and Andrew Jones;
Row 3: Steve Dao, Jerry Zdenek, Hani Jamjoom, and Dan Harshbarger;
Row 2: David Rauhut, Jeff Schneider, and Adam Benjey;
Bottom row: Jason Marshall, Ryan Shoemaker, Daniel Coopridier, and Joseph Wendel.*



SIGMA PI SIGMA

Sigma Pi Sigma is an honorary for students in Physics.

Brad Shoher, Scot Hawkins, Andrew White



INTERNATIONAL STUDENT ASSOCIATION

Front row: Rajeev Puttaiah, Masood Makkar, Karen Degrange, Agnes Pankotai, Zijie Xu, Fei Shen, Hani Jamjoom, and Yousuf Ahmed;
Middle row: Fumio Morino, Ozgur Ozkaya, Jin Yuan, Juergen Spielvogel, Jose Penaloza, Gerd Klose, Pyotr Shmelev, Vladimir Krylov, Lutz Burkle, Yu-Chun Ku, Yu-Kang Ku, and Clyde Colaco;
Back row: San Han, Min Tang, Chong Li, Xiaofeng Xu, Guangxin Liu, Joern Beschmidt, Alex Sohmer, Alex Vybornov, and Foo Hooi Lee.



LEARNING CENTER



Above: LEARNING CENTER.

Front: Ryan Shoemaker;

Row 2: John Tenbusch, Kevin Hayes, Phil Hochgensang, and Craig Cutforth;

Row 3: Susan Smith, Matt Kuhlhorst, Mike Gerig, Justin Gallagher, Carl Schwitzer, John Walker, and Craig Keim;

Back row: Shawn D. Leonard, Tim Boyd, Dave Bedel, Geoff Lowe, Zac Chambers, Daniel Schuck, Kelly Orr, and Brian Wetzker.

Right: HOME-WORK HOTLINE.

Left to right:

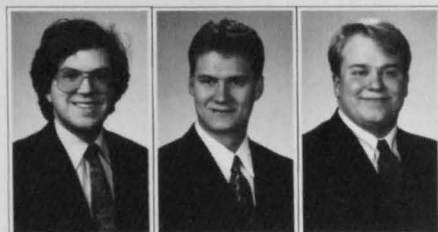
Greg Tarboe, Tony Ragucci, Mark Boddy, and Matt Flessner.



ALPHA PHI OMEGA



JASON ROSS SMKC STARTUP CHAIRMAN JAMES BERRY ALUMNI SECRETARY RYAN MOORE BYLAWS SECRETARY BRIAN BLAIR RECORDING SECRETARY MATHEW SOMMERS FELLOWSHIP CHAIRMAN JOHN EMLEY VICE PRESIDENT OF SERVICE STEVEN SHADIX PRESIDENT MARK DEARING VICE PRESIDENT OF MEMBERSHIP ROB SOLOMON TREASURER REUBEN HOCHSTEDLER CORRESPONDING SECRETARY JAMES WILLIAMS SERGEANT-AT-ARMS DAVID RAHNUT HISTORIAN



CHRISTOPHER ANDREWS ROBERT SNEDEKER JR. CHRISTOPHER BROWN

Alpha Phi Omega

TAU LAMBDA CHAPTER

1993



1994



BILL FOUST DAVID HYNES ROONEY McINTYRE



BRIAN SIENER DONALD IRELAND

Rose-Hulman Institute of Technology



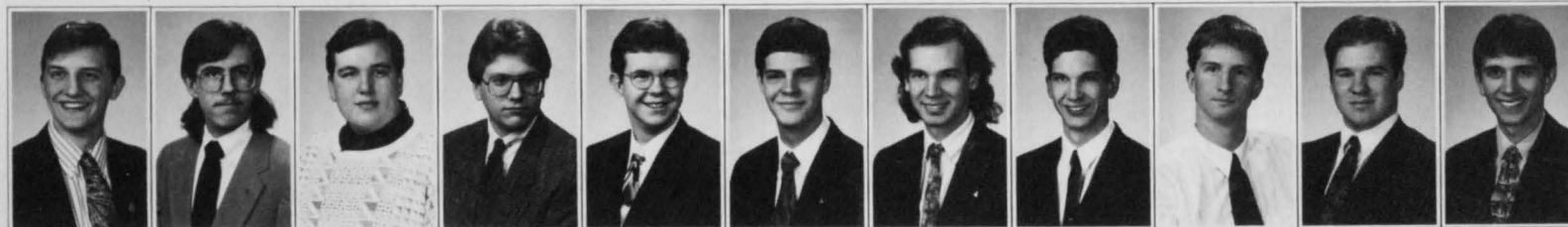
DALE WILT PAUL SIGLER



JERRY MONTGOMERY



PETER GUSTAFSON HONORARY MEMBER BRYAN TAYLOR FACULTY ADVISOR BRIAN DYER FACULTY ADVISOR ROBERT HOUGHTALEN FACULTY ADVISOR CARY LAXER ADVISORY CHAIRMAN NORMA LAXER ADVISOR THOMAS MILLER FACULTY ADVISOR ART WESTERN FACULTY ADVISOR JESS R. LUCAS HONORARY MEMBER JOHN HAVRON



TIM SHERRILL NICHOLAS TALLYN JASON DURST CHRISTOPHER MAKI FRANK PFEFFER RYAN SCHERLE CHRISTOPHER STONE JAMES CZARNIK DAN McWHORTER BRENDAN ARNOLD JASON SCHAEFER

VANTINE STUDIOS HAMILTON, N.Y. Z#73585

STUDENT GOVERNMENT ASSOCIATION

The Student Government Association is the voice of the student body. The SGA gathers the concerns of the students and relays this information to the administration and the Board of Managers at their quarterly meetings. It is the responsibility of the SGA to allocate funds to current organizations, and approve funding to new ones.

Upper right: The EXECUTIVE COMMITTEE:

Front: Robert Wallace (Pres.), Ashvin Lad (V.P.), and Scott Condon (Exec. Dir.);

Back: Brent Mutti (Secr.), Shawn Eads (Publ. Dir.), and Jeff Wrana (Treas.).



Below: The STUDENT SENATE

Bottom row: Matt Erbele, Tony Erwin, Dave Allabaugh, and Joe Batt;

Row 2: Sean McPeak, Tim Boyd, Chris Goulah, Scott Fisher, Dave Holscher, James Hicks, and Jeff McDermott;

Row 3: Greg Knecht, David Petit, Tony Voi, Dan Rubin, Tracy Smith, Dan Fox, Jeff Courter, and Shawn Eads;

Row 4: Chad Baker, Tony Miller, Doug Ihrig, Craig Donze, Darren Long, Scott O'Brien, Ben Byers, and Scott Kuester;

Row 5: Rob Piper, Leslie Donaldson, Gene Chin, Brock Taylor, Chris Vana, Nathan Allen, and Clayton Epps;

Row 6: Chris Diamond, Mark Stengl, Brian Cahill, Mark Heckenliable, Joe Joice, Todd Wilkerson, Scott Condon, Aaron Junkersfield, and Mike Wisecup;

Top row: Jeff Wrana, and Son Cao.



STUDENT ACTIVITIES BOARD

The Student Activities Board (SAB) is Rose-Hulman's campus entertainment organization. SAB uses its \$24,000 budget to bring comedians, hypnotists, lecturers, and musicians to campus. SAB organizes the annual Homecoming Show in the fieldhouse, and is responsible for bringing perennial favorites such as Linda Black and Barbara Bailey Hutchinson to entertain the students of Rose-Hulman.

SAB also organizes events which do not involve contracting outside entertainment to come to campus. The biggest of these events is Las Vegas Night, where students play casino games to win thousands of dollars in prizes donated by Terre Haute businesses. Another event for the year is the ann-

ual Golf Scramble, a tournament held this year at Hoosier Hills in Terre Haute.



Left to right: Donna Gustafson, Scott Allen, Fred Schurger, Dustin Janes, Todd Trimble (with his recently discovered lights), Clint Rusk, Brett Jones, Zac Chambers, Phil Endres, and Lisa Parker.

HONOR KEY



WMHD 90.5 FM

WMHD 90.5 FM, The Alternative, is the campus radio station. Our purpose is to allow students of Rose-Hulman to have fun through music. Our station provides its DJs and listeners a very wide selection of musical genres to choose from. We are a free form radio station, where the DJs make their own playlist. This allows for a wide range of diversity not found on commercial stations. It makes us The Alternative.

While the station's purpose is primarily fun, it also allows members to develop many skills that are useful in the Institute's curriculum. These include effective oral and written communications, and the development of good engineering skills.



Above: Scott Monroe is providing a public service by playing a John Denver public service announcement

*Front row: Tony Lowe, Bob Snyder, Jason Stamp, Graig Cutforth, Ed Kralik, and Scott Monroe.
 Row 2: Jeremy Newton, Carl Fuhrmann, John Kos, Dennis Burgess, Chris Stone, Tony Ragucci, Tom Westbrook, Erich Leonhardt, and Lutz Burkle.
 Row 3: Parker Gibson, Jason Chaneske, Jeff Schneider, Duane Drake, Mark Fyffe, Ozgur Ozkaya, Ryan VandeWater, Ben Crawford, Johnny Crawford, and Scott Burwinkel.
 Row 4: Mike Ley, Sean McGuffie, Ted Hulsman, Wil Reichert, Jeremy Thompson, Scott Kuester, Matt Rubacha, Yun Choe, Kevin Nelson, and Matt McNeff.
 Row 5: Corey Miller, Jason Magnusson, Jon Francis, Bill Leber, Larry Tooley, Angus Young, Peter Shadix, Jason Madison, Darryl Waters, and Chad Macy.*



GLEE CLUB

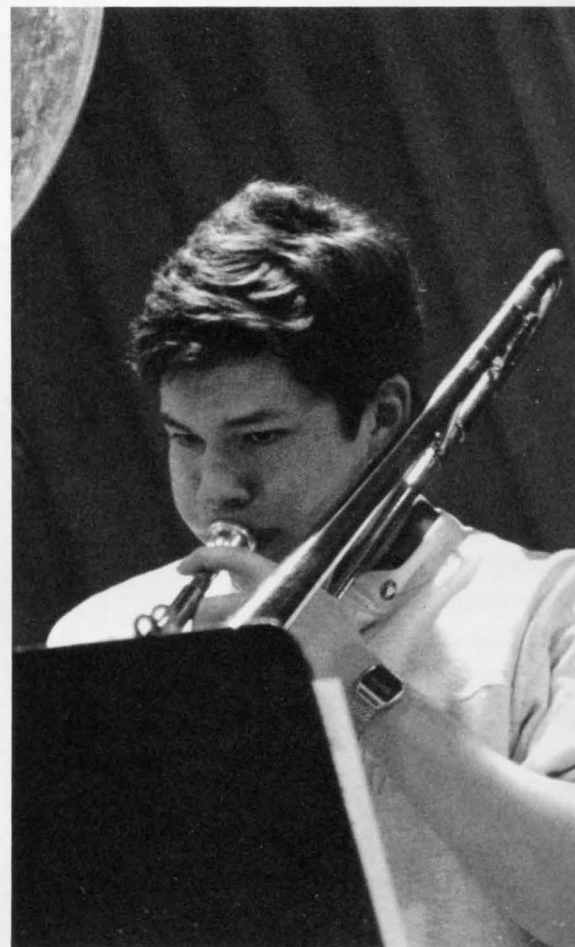
Front row: Scott Thomas, Reuben Hochstedler, and Kyle Massey;
Middle row: Clint Rusk, Eric Hansen, Mike Mahan, Matthew Cole, Mitch Reinoehl, and Dan Czulou;
Back row: Ken Steidle (Director), Erich Leonhardt, and Mark Thompson.



BAND

Right: Trombonist John Havron increases enthusiasm for a Rose victory.

Front row: Troye Welch, Jason Phillips, and Ryan Moore;
Middle row: Ryan Kucera, Gregg Gordon, Ken Steidle, and Alan Sobeki;
Back row: Chris Rettig, Steven Shadix, and John Havron.



INTERVARSITY

*Back row: Joel Klein, Tim Sherril, Chris Hahn, Mike Bickel, Brian Mathis, Dave Pettit, John Emley;
Middle row: Erich Kunemann, Jeff Frederick, Jason Schaefer, Dave Hynes, Clint Rusk, Ken Luebeck, Dan McWhorter;
Front row: Mike Hummel, Jayme Moore, Rob Rock, Ben Hochstedler, Luke Meyer, Jeremy Milliman.*



MODEL UNITED NATIONS

The major purpose of Model United Nations is to increase students' awareness of contemporary issues and current events by attending conferences and simulations. The Model U.N. Club provides the opportunity for students to develop their understanding of world situations by leading in discussions and participating in debates.

*Back Row: Jarod M.-Bradfield, Andrew White, Brian Chapman, Marty Cornelius;
Middle Row: Matt Frank, Kevin Lanke, James Cummings
Front Row: Mike Dominick*



GUN CLUB

*Left: John Howard designates safe shooting zones.
Right: Mike Snider explains proper shotgun techniques.*



RACING CLUB

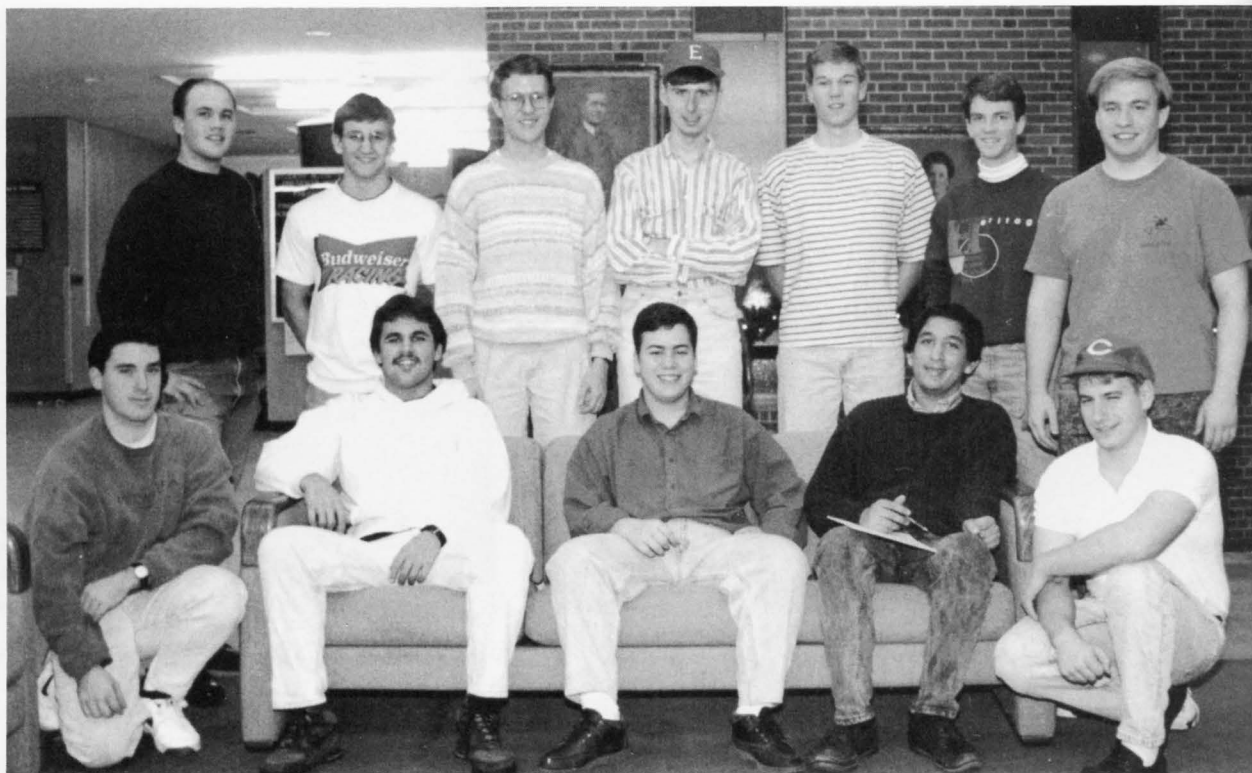


The Racing Club is an SGA - funded organization open to all students who have an interest in automobiles or racing. The primary goal of the club is to engineer, design, and build a vehicle to compete in the annual Society of Automotive Engineers Formula SAE competition.

Greg Case, Jeff Pontius, Mike Kreiberg, Rob Kissling, Steve Beem, Ryan Garver.

CHESS CLUB

Standing: Mark Young,
Dion Walz, Mike Olsen,
David Pettit, Andy Krieg,
Mike Gerig, Mike Hummel;
Seated: Jason Reese,
Mathew McNeff, George
Houpis, Omar Zaidi, David
Nicoson.



CYCLING CLUB



MARTIAL ARTS



FLYING CLUB



*Standing: Juergen Spielvogel,
Trent Woodworth, Jay Bernheisel;
Seated: Brandon Verbrugge,
James Poylio*

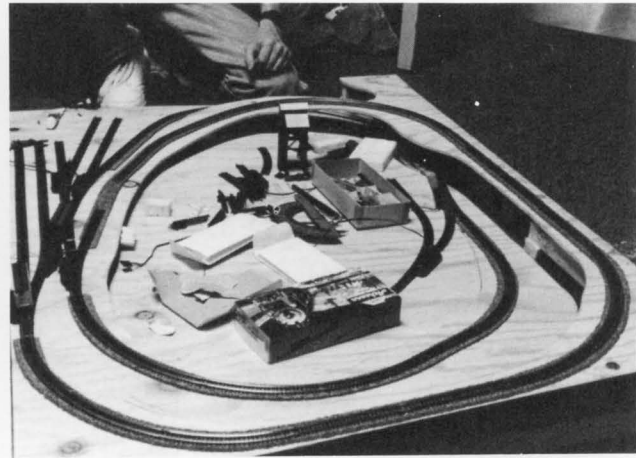
ULTIMATE FRISBEE



VOLLEYBALL CLUB



MODEL RAILROAD



The Rose-Hulman Model Railroad club was founded in 1991 and has accomplished much in a few short years. This last year, the club visited several train shows and displayed its modular HO scale railroad at the Terre Haute Train Show and the Rose Show. In the future, the club will continue construction on its modular railroad and visit train shows as spectators and exhibitors.

SCUBA CLUB



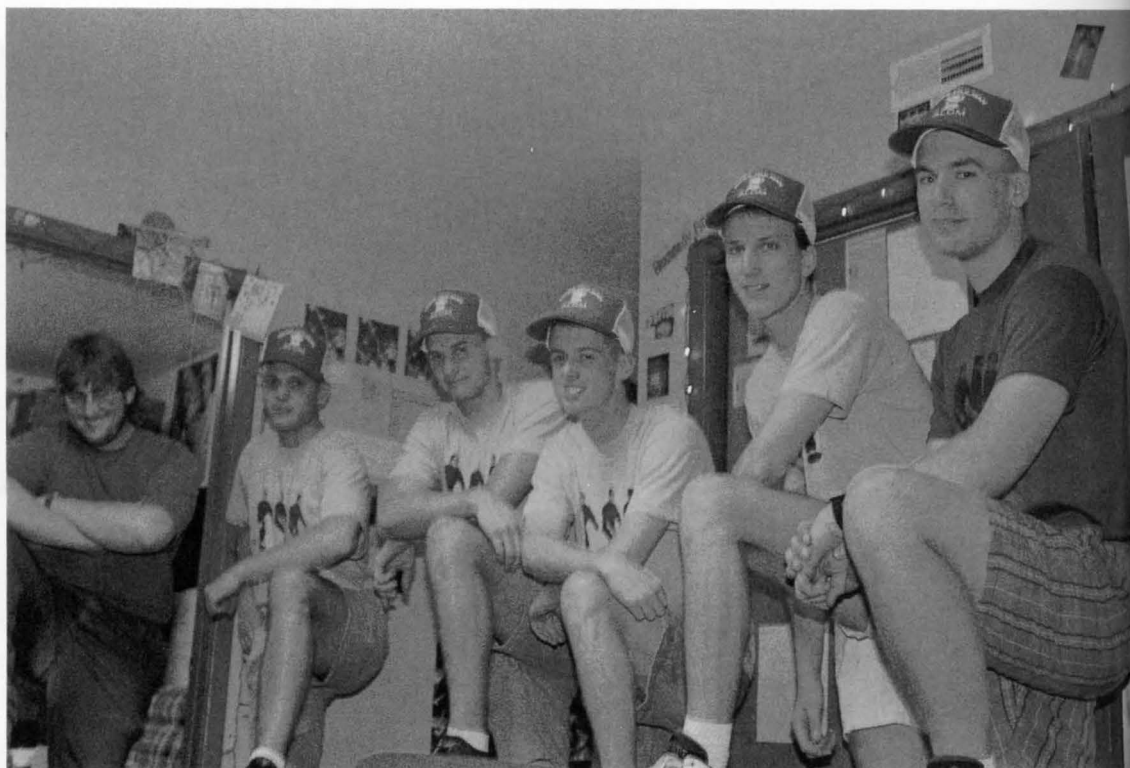
The Rose-Hulman Scuba Club (RHSC) attempts to provide a greater sense of appreciation and knowledge about the aquatic part of our world for its members. Frequent trips to Blue Springs Dive Resort give members the opportunity to practice SCUBA diving skills.

*Back: Chris Vogel, Markus Schneider, Mike Bengston, Mark Sauerburger, Chad Shryock, Nathan Schildt, Mike Rubin, Jay Baumgartner, Joern Beschmidt, Ben Huguenard;
Front: Scott Safer, Ryan Vandewatter, Juergen Spielvogel, Joe Barz.*

THE ROSE THORN

Editor-in-chief Chad Zigler
 Features Editor Paul Sigler
 News Editor Troye Welch
 Sports Editor Adrian Reid
 Campus Editor Scott Allen
 Layout Editor Chris Lawrence
 Photo Editor James Mann
 Copy Editor Frank Pfeiffer
 Advertising Manager Phillip Stolz
 Business Manager Doug Ihrig
 Advisor David Piker

News Reporters David Hile
 Frank Pfeiffer
 Sports Reporters Brady Neukam
 Greg Rossi
 Serious Journalist Ben Crawford
 Columnists Chris Lawrence
 Frank Pfeiffer
 Letterman Wanna-bes Doug Burton
 Clayton Dumcum
 Jay Moorman
 Ira Rainey
 Damon Swope



Above: Two enemies, Skinner C-1 (Letterman Wanna-bes in their "Phil shirts") and Drothar the Omnipotent (Ben Crawford), call a truce at the year's end.

Right: The
 Thorn staff
 interrupts their
 fun for a
 picture.



THE MODULUS

The *Modulus* is Rose-Hulman's annual yearbook. The *Modulus* is a student publication and captures, in pictorial form, a summary of student activities throughout the school year. Membership on the staff is open to all students. Everyone is encouraged to participate. Previous experience is not necessary, and it is easy to learn. Members of the *Modulus* staff do the photography, writing, darkroom editing, design, and layout.

We, the *Modulus* staff, work hard to bring you this book, and would like to thank everyone who made this year's yearbook as great as it is.

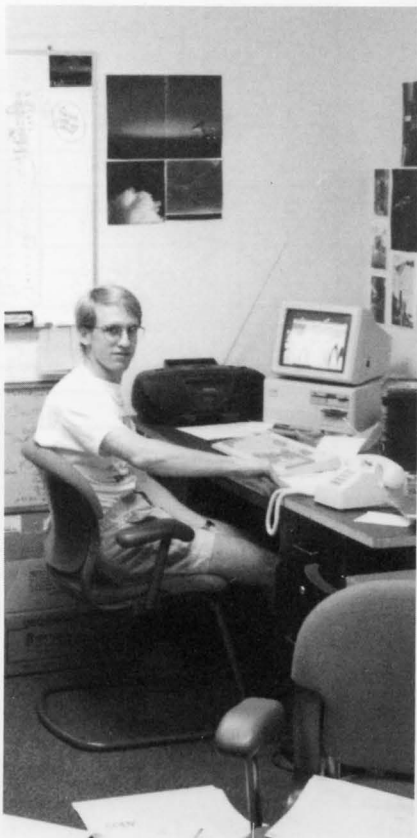


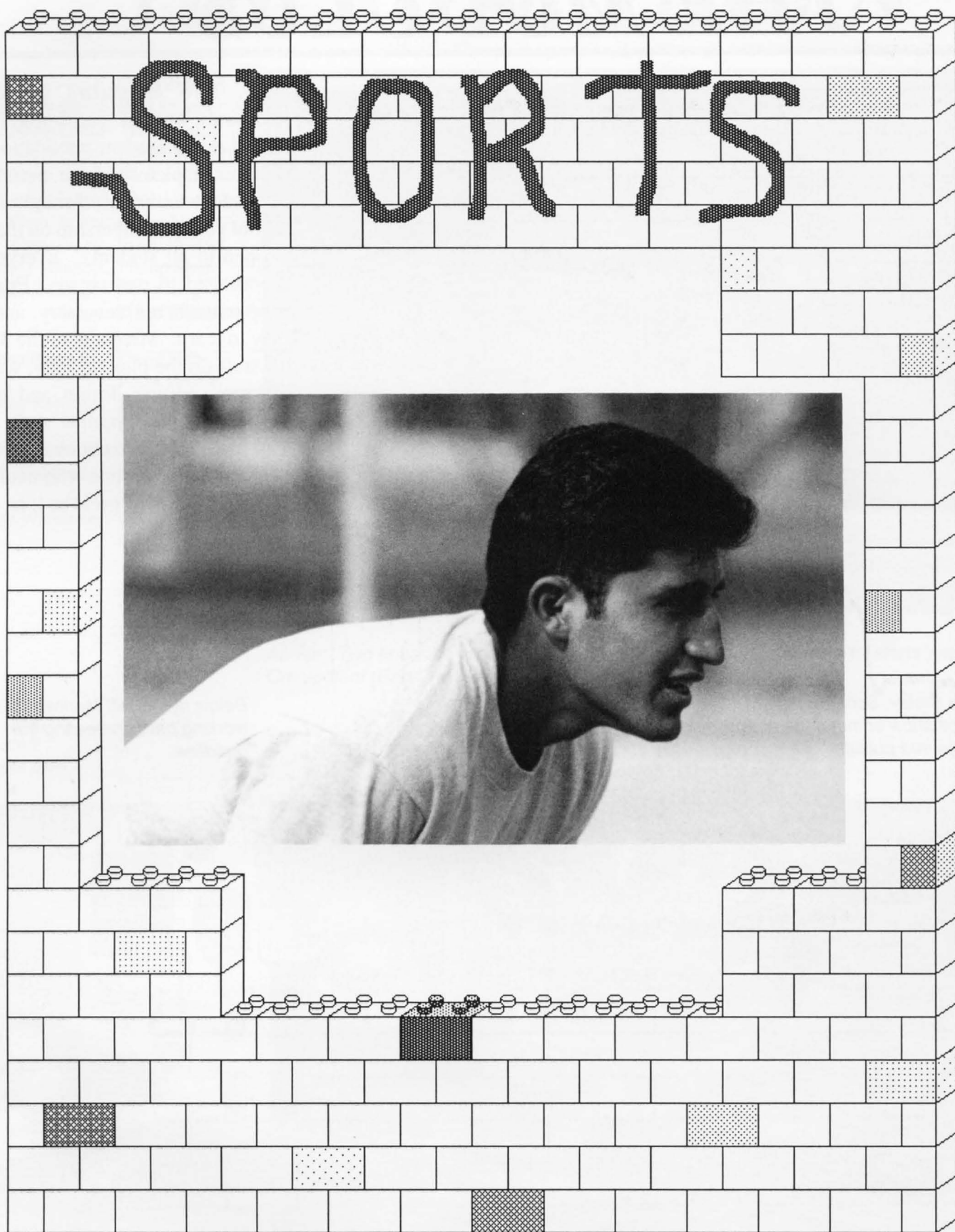
Seated: Adam Staley, Fumio Morino, Scot Hawkins, Scott Allen, and Kelly Orr;
Standing: Bryan Taylor, Matt Flessner, Jeff Markwardt, Jayme Moore, and Jereme Greenblott.

Below left: Adam Staley, Scott Allen, and Jereme Greenblott show some of the strenuous work that goes into publishing this book.



Below right: Jeff Markwardt is working hard on beating the deadline.

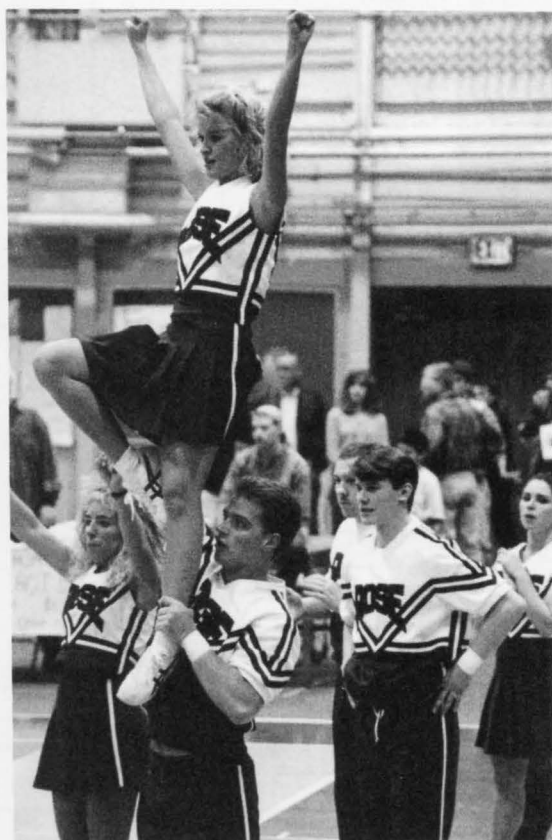






Something to Cheer About

Cheerleading requires strength, coordination and enthusiasm. The Rose cheerleading squad exemplified all of these qualities while managing to have fun. The members worked each week on preparing stunts such as "Purdue ups", throw-chairs, basket tosses, and skates for upcoming sporting events. Extra effort was put into performing a routine at homecoming while parents and alumni witnessed the result of the squad's determination. Next year hopes to be even more exciting with the addition of new members, the return of veteran cheerleader Jill Deardorf as coach, and the recognition of varsity status for the first time.

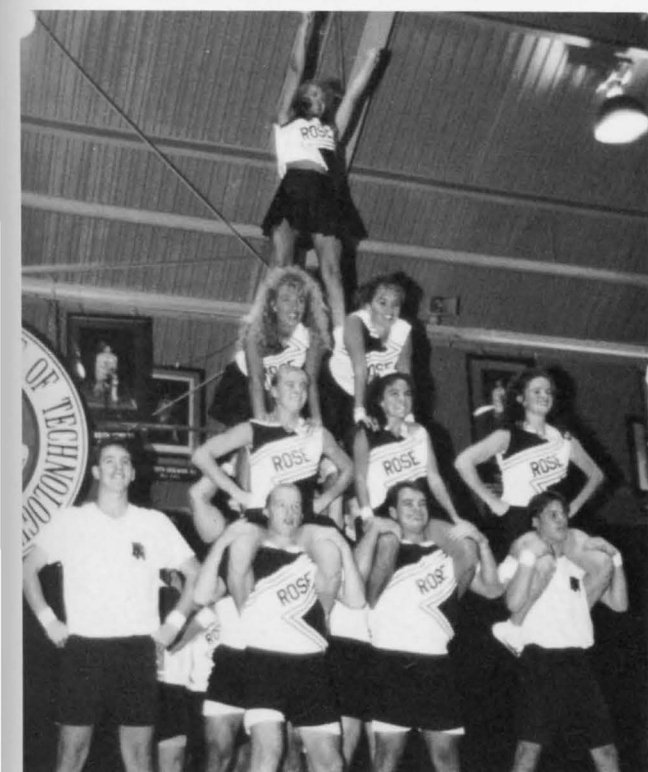
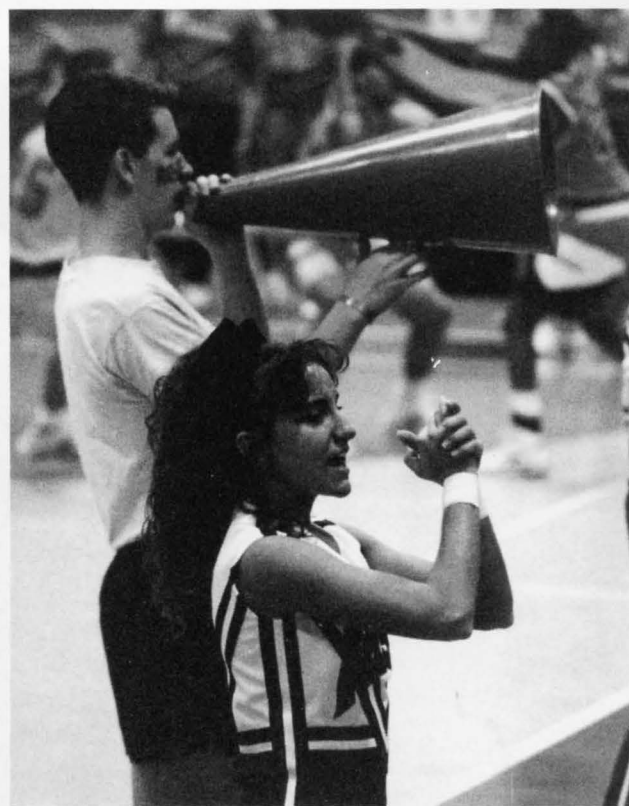


Above: Scott and his partner, Shellie, land an excellent throw-chair during a basketball game.



Above: Stunting is dangerous and takes many hours of practice in order to complete builds using many at once.

Top: Concentration and raw determination are both essential to complete this difficult roll-up build.

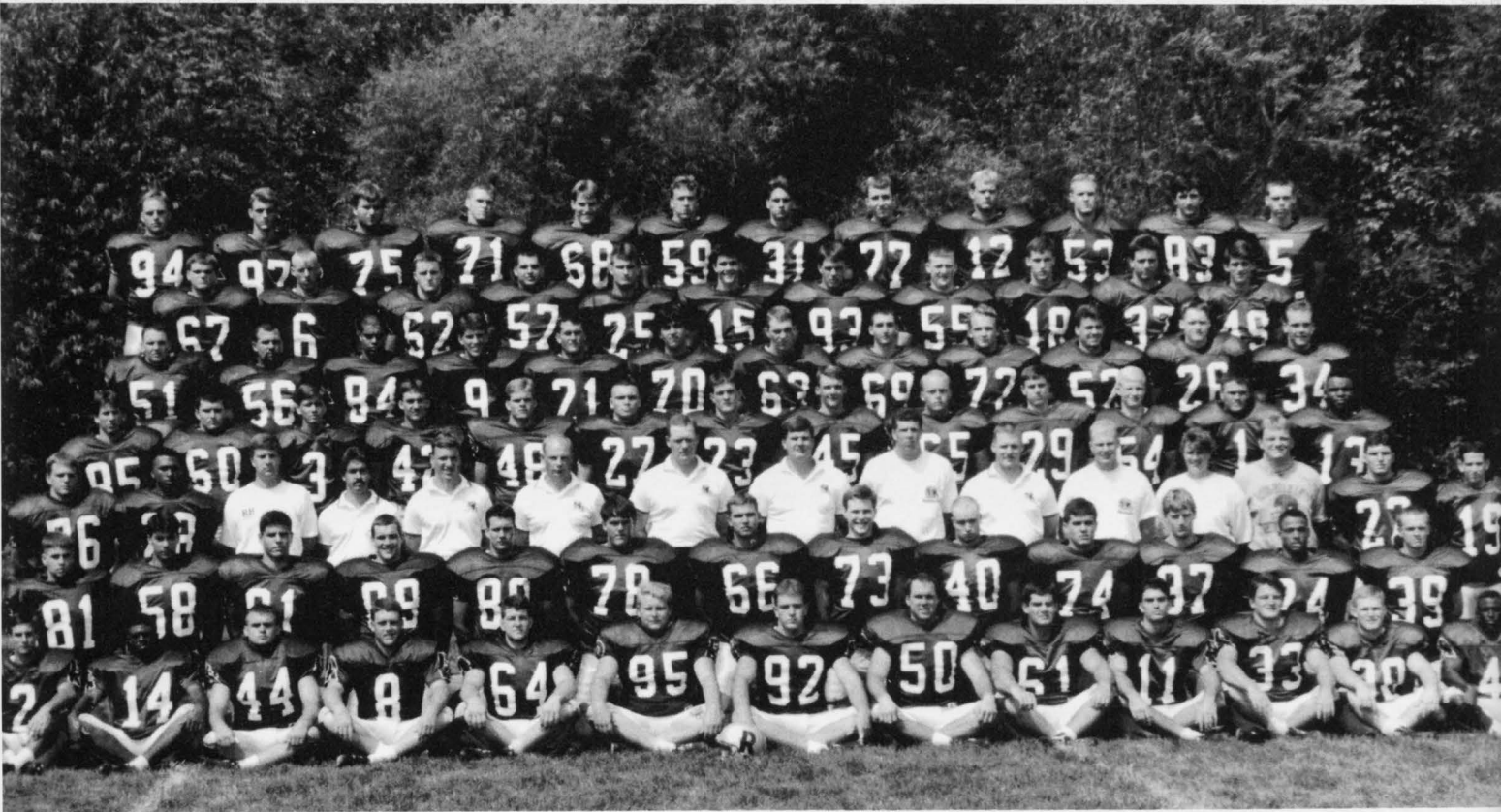


Top Left: Back Row (L-R): Jeremy Nolan, Jason Boone, Jim Perry, Greg Brown, J.B. Muncy, Brian Desharnais. Front Row (L-R): Heather Carter, Rhonda Cisney, Anne Atherton, Stacy Lanman, Loree Brown, Danyl Veihe.

Bottom Left: Cheerleaders show their spirit as they complete their table-top pyramid during the Homecoming pep rally.

Bottom Right: Loree does the fight-song routine.

Top Right: Mike and Danyl yell in order to get the crowd excited.



Kicking Off Another Year

The 1993 season was encouraging for the Fightin' Engineers, with new faces in the starting line-up. They had shades of greatness in games against nationally ranked Greenville and Homecoming foe Depauw. But, unfortunately they lost games they shouldn't have.

The offense showcased some talent from last year as well as some bright new stars. Receiver Eric Gappa (602 yds on 27 catches) and fullback Anthony Hammack led the way with a talented cast of others to follow their lead. A new face in the offense was scat-back A.J. Wilkerson who appears to have a bright future as a Fighting Engineer. Complementing a talented backfield is quarterback Todd Harris. With his athleticism and intelligent decision making, he helped lead the young and talented offense with nine touchdowns and just under 1000 yds passing. The defense was anchored by a cast of returning lettermen, again with some new talent. In the front seven, end Mike Seals and inside linebacker Todd Sanders led the Engi-

neers with Paul Rodgers and Jerome Williams setting the stage in the secondary. Some rising stars include Justin Seals and heavy hitting strong safety Tony Kohl. This defense will look to improve on their hard hitting reputation and bring some life to their side of the football.

Three players, Jerome Williams, Anthony Hammack and Eric Gappa, were named to the All-ICAC Grid Team. Williams was twice named the ICAC Defensive Player of the Week. Hammack led the team in rushing and scoring. Gappa was the team's leading receiver. For the second year in a row, Greg Hubbard was named to the First Team Academic All-American at offensive guard. He maintained a perfect 4.0 GPA throughout his academic career while majoring in mechanical engineering.

The future seems bright for this bunch of young and talented players. Look for the Fighting Engineers to make some noise in the next few years.



Above: The Fightin' Engineer offensive line prepares for battle.

Left: Todd Harris barks out the signals while awaiting the snap from freshman Center Brandon Boone.

Opposite page, top: Quarterback Todd Harris scrambles to avoid the pressure.

Opposite page, bottom: 1993 Rose-Hulman football.



Right: The harriers pace themselves along Lost Creek under the shade.

Below left: Senior Brady Neukam tries hard to stay out front, as he pushes his limits to reach the distant finish line.

Below right: The team holds a quick pep talk to prepare themselves before their race.

Opposite page, top: As the race starts, the adrenaline begins to pump, and the team sets its pace for the duration of the run.



Cross Country Runs Again

A lone senior, Brady Neukam, led this year's team into competition. His experience helped lead a team composed largely of freshmen starting out in college athletics. The younger members truly became productive. Sophomore Bruce Bender and freshman Joe Head proved themselves valuable members as the year progressed.

Starting with hot conditions in the August pre-season, the team came home with a first place win in the Principia Invitational, but only a fifth-place finish from the Danville Invitational in late September. Later, Rose-Hulman was able to gather a 17th-place win out of 34 teams in the University of Wisconsin-Parkside Invitational, which included some of

the nation's top-ranked schools. However, disappointment caught the harriers at the ICAC Conference Meet, matching last year's fifth-place spot. Head finished eighth, earning him all-conference honors. The NCAA Championships found the team in 14th place out of 28, after defeating Anderson and Manchester, to whom the team lost in previous conference competitions.

Next year's team will see many of the same faces and experience will hopefully propel them into higher standings. "After another year or two," says Coach Bill Welch, "if the team stays together and works at it, it will be a pretty fair team."



1993-'94 Engineer Cross Country team:

Kneeling: Randy Pelky, Joe Head, Brady Neukam, Mark Law, Matt Likes, Mike Miller and Robert Stewart.

Standing: Clayton Dumcum, Brandon Verbrugge, Bryce Clark, Kenny Anderson, Marty Malberg, Rick VanMeter, Mark Brock and Coach Bill Welch

Not pictured: Jason Schaeffer, Richard Skaggs, Bruce Bender and Eric Wind

A Winning Season For Rose Soccer

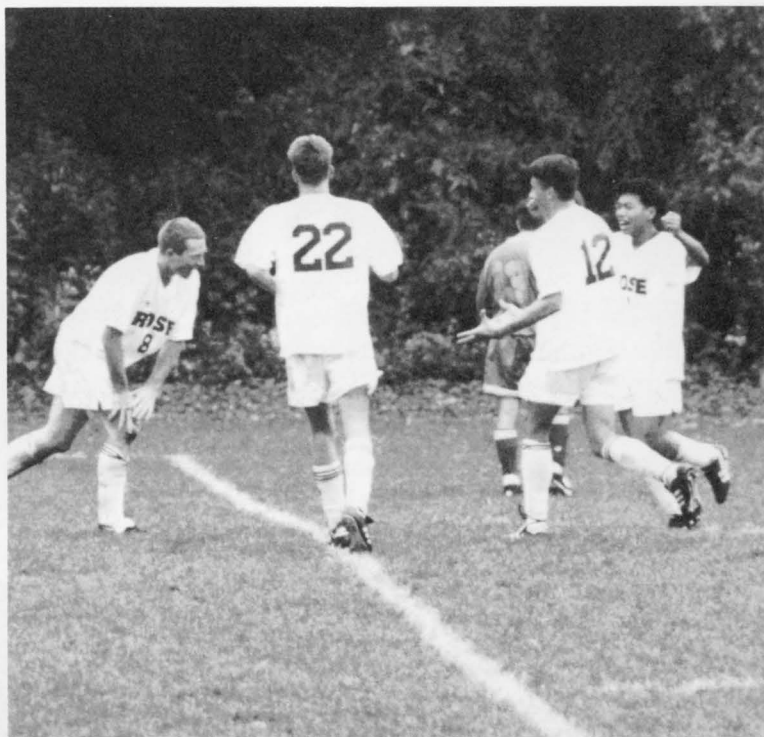
The 1993-'94 season proved to be exciting for the Engineers with an 8-6-2 record, good enough to tie for second place in the ICAC. Senior John Haraguchi and sophomores Gabe Ferland and Robb McGhie earned All-ICAC team honors while Coach Greg Ruark was named Co-Coach of the Year. Ferland led the team in goals scored this season with 15, as he approached the all-time school record, while Son Cao led the team in assists with 8. Early this season the Engineers were plagued with injuries and opened with a disappointing 1-5 record. But the tide turned in the Engineer's season with the 3-2 victory over

nationally ranked MacMurray College. The team posted a second half 7-1-2 record, including four shutouts in conference games. The only blemish came in a close overtime loss to the conference champion, DePauw University. The team broke or tied ten all-time school records, including the highest winning percentage over a season. Next season, the Engineers have a tough non-conference schedule which includes an east coast road trip with games at MIT and Colby-Sawyer College. With co-captains Son Cao and Brian Shattuck leading a veteran team, next season should prove even more successful for the Engineers.



Gabe Ferland scores a goal against Taylor with the assist from Wayne Moore.

Wayne Moore, Andy Doll, and Son Cao celebrate Gabe Ferland's goal.



Above: Joe Wendel (#7) sends a pass to Son Cao (#3).

Left: Wayne Moore breaks for the goal as John Haraguchi takes a free kick.

Opposite Page: Joe Wendel (#7), Wayne Moore (#22) and Robb McGhie (#11) move the ball downfield against Taylor.

Rose Basketball Has a Year of Ups and Downs

It was a season of ups and downs for the Engineer basketball squad this year, but there were new signs of success. After a disappointing start of 1-4, the team came back to win the Rose-Hulman invitational, and approached conference play at 5-5.

Conference play left the team at 10-15.

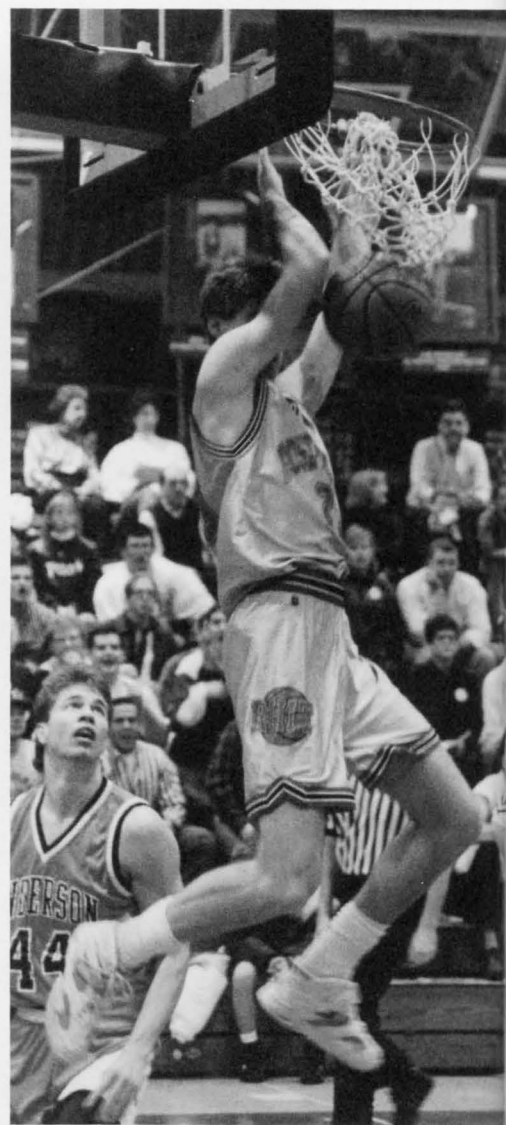
The season offered many highlights. Kiley Gwaltney scored 24 in the final game of the Rose Invitational and was named MVP for the tourney. Benji Glass and Ryan Steinhart were also named to the all-tourna-

ment team. The engineers managed their first ICAC road win in two years, against Franklin.

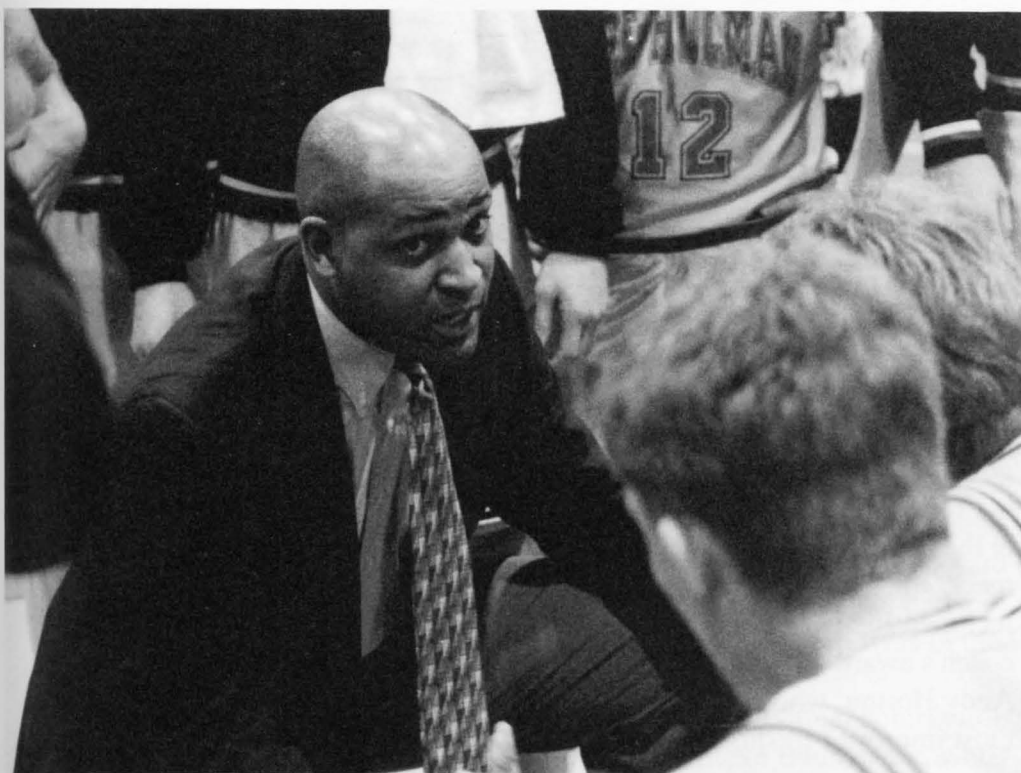
The team was filled with youth, and there are few graduating seniors being lost. Look out next year, as the team may be better than ever.



Engineer Basketball Team- Front: Adrian Reid, Matt Townsend, Jason Bork, Mike Lawrence, Mike Schmotzer, Ryan Steinhart, Damon Swope, Rob Waller, Shawn Kaser, Manager Bill Dart. Middle: Coach Jim Shaw, Coach Tony Seay, Steve Russell, Chris Wheatley, Kent Murphy, Jason Kear, Troy Halt, Trainer Joe Dunnigan, Coach Bill Perkins. Back: Alan Eskuri, Jim Fox, Shawn Blaich, David Moore, Kiley Gwaltney, Nick Rudd, Benji Glass, John Tomic, Zack Johnson, Manager Wade Schwartzkopf.

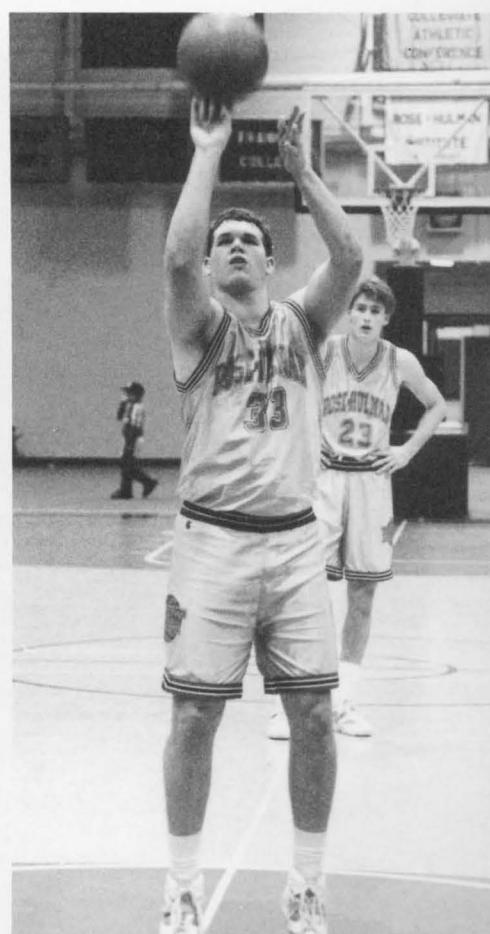
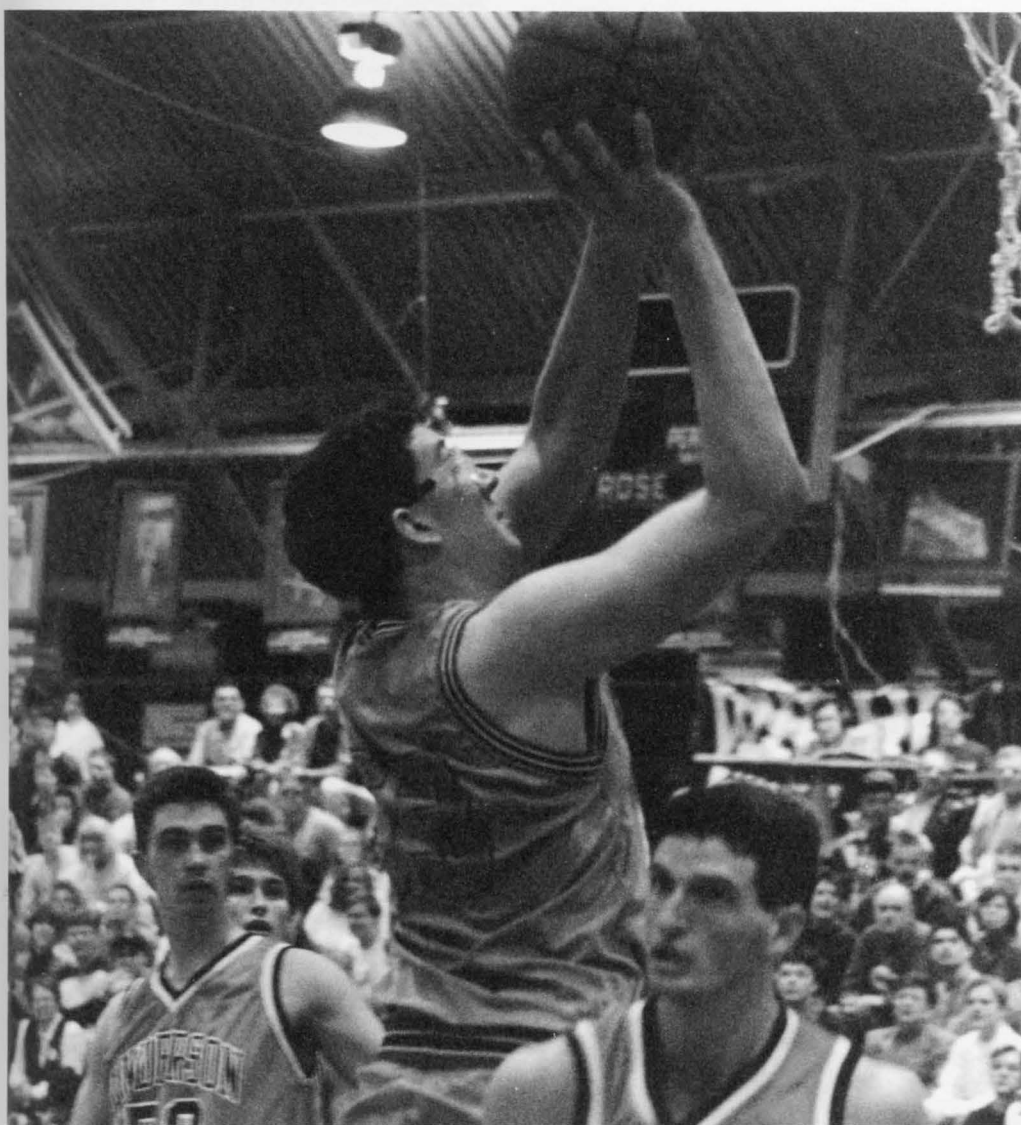


Kiley Gwaltney dunks against Anderson.



Left: Coach Perkins discusses strategy during a timeout.

Below: David Moore drives along the baseline.



Above: Mike Lawrence takes a free throw.

Left: Kent Murphy breaks the Anderson defense.

Rose Wrestling Works Hard, Does Well

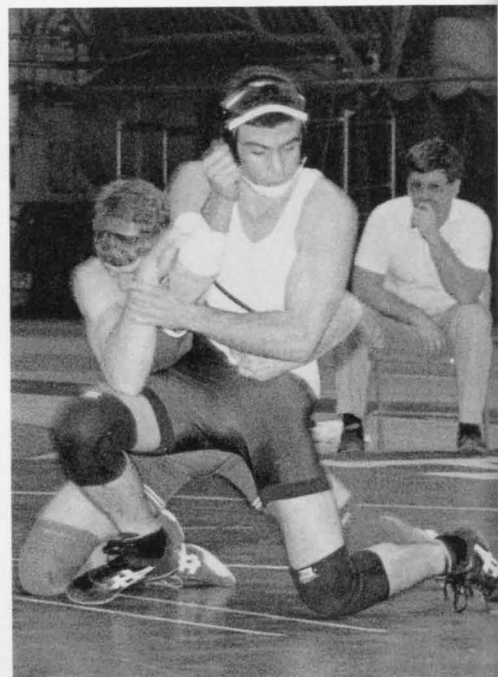
The 1993-94 wrestling season was one highlighted by hard-working individuals, which led to the team's success. They placed third in the ICAC meet, as well as defeating Millikin University, College of Mount St. Joseph's, Carthage College and Olivet College in dual meets.

The team had many individual

successes, as well. Junior Jim Labbe got the team MVP honors, based on his 16-12 record, including two wins at the NCAA Division III regional meet. Other team award winners included Joe Labbe, who shared the coach's award with brother Jim, and Andy Horton, who was the team's most improved freshman.



1993-94 Rose-Hulman Wrestling Team.



Top: Joe Labbe grapples in a home meet.

Bottom: Forrest Hayes tries to fend off an opponent.

Swimming- A Year of Firsts

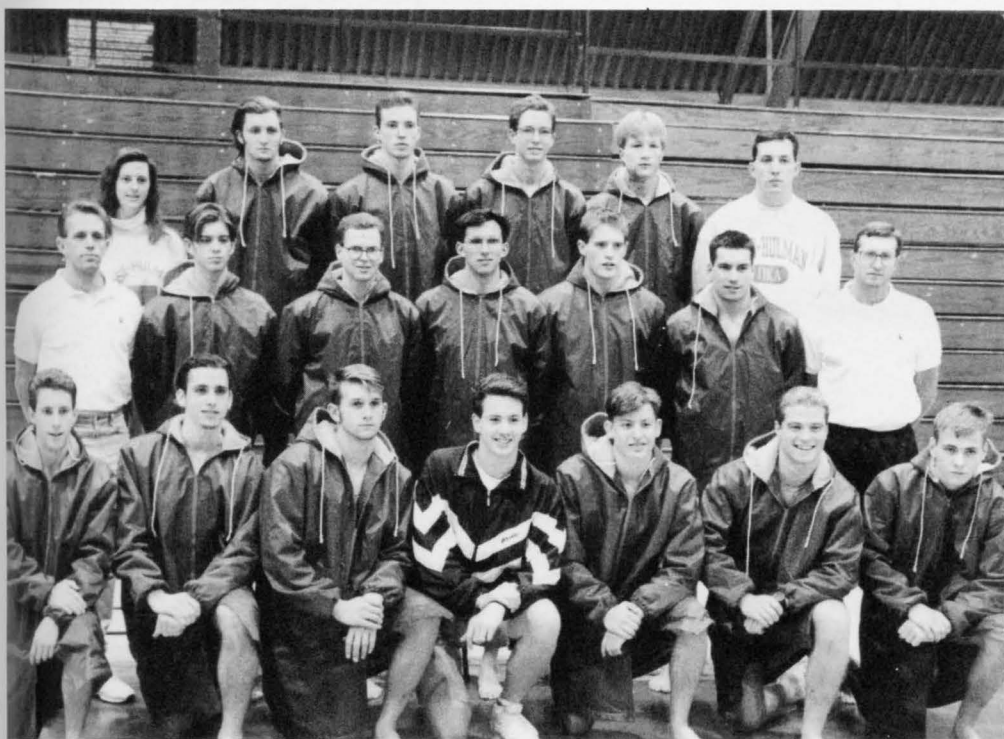
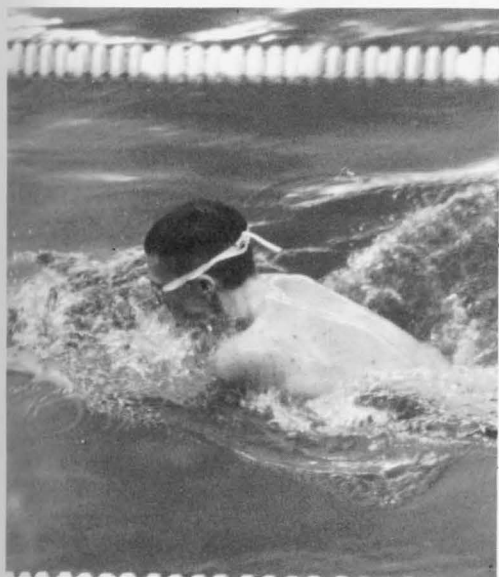
1993-94 saw numerous firsts for the Engineer swim team. Senior Rob Danforth was the first Rose swimmer to gain all-conference honors, while the team won four dual meets this season.

Danforth led the Engineers at the ICAC meet, finishing first in the 100-yard freestyle, second in the 100-yard butterfly, and third in the 50-yard freestyle. His other highlights include a streak of six consecutive wins in the 100-yard freestyle.

Another individual contributor was freshman Steve Baumeister, who

set school diving records in the 1- and 3-meter events this season. He also managed firsts in those events at the University of Indianapolis Invitational meet.

The Engineers have seen steady improvement throughout their short swimming history. This season was no different, seeing a win against an NCAA Division I school (North-east Illinois) among their four wins. The team hopes to continue this improvement, as Rob Danforth is the lone graduating senior.



Top: Todd Smaka competes in the breaststroke competition.

Bottom: 1993-94 Rose-Hulman swimming team: Front Row: Justin Guerin, Michael Rubin, Ken Wilson, Mike Wisecup, Aaron Lindsey, Scott Condon, and Tim Grunow. Middle: Jessie White, William Fleming, Michael Bickel, Joe Barz, Michael Haskins, Robert Danforth, and Randy Jensen. Back Row: Coach Aasha Blakely, Christopher Goulah, Todd Smaka, Rick Davis, Steve Baumeister, and Chris Hintz.

Rob Danforth prepares before a race.

Rose Baseball Squad Shares Regular Season Crown

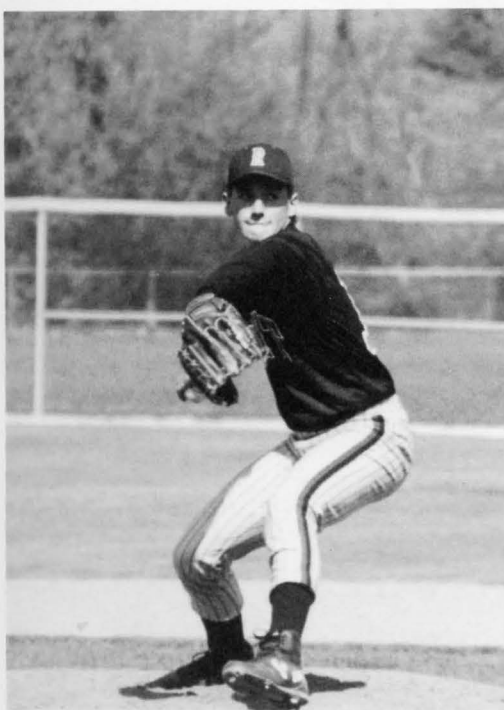
The Rose-Hulman Institute of Technology baseball team had another successful season, winning 20 games, its fourth straight season of 20-or-more victories - and tied for first place in the Indiana Collegiate Athletic Conference, becoming the first Engineer team to lead the league in any sport.

Freshman left-handed pitcher Eric Tryon set a Rose-Hulman record with 88 strikeouts (in 79.1 innings!) and led the team with 7 wins, as well

as 7 complete games and innings. This Terre Haute North High School graduate also set an ICAC record with 43 strikeouts (in 37 2/3 innings) and had a 4-1 record in league games. Not surprisingly, Tryon was named the Engineers' Newcomer of the Year, earned All-ICAC honors and was a second-team choice on the NCAA Division III Midwest region team.

Outfielders Clinton Hiatt and Aaron Junkersfield were also chosen

to the All-ICAC team, selected by the league's coaches. Pitcher Shawn Brainard and shortstop Brandon Hollis earned honorable mention all-ICAC honors. In addition, Hollis was named most valuable player after an amazing career in which he started 118 games, with 332 career at bats and a .300 career batting average. Most improved player was freshman infielder Jeff Schwegman after having a .260 batting average.



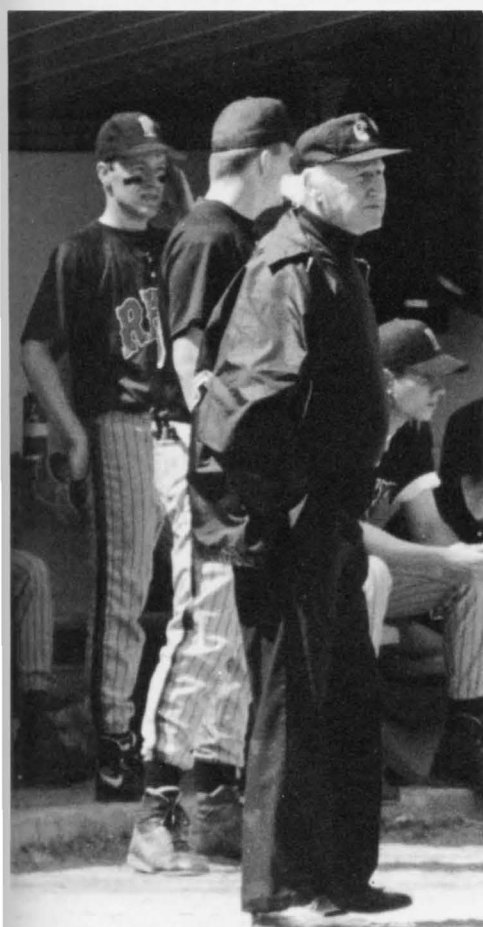
Above: Doug Meyne warms up before a pitching appearance.

Right: Clint Hiatt slides home to score for the Engineers.





Left: John Hooper awaits the pickoff throw.



Left: President Hulbert watches the game from the dugout.

Above: Nate Warfel takes a swing.

Driving for the Green

A young Rose-Hulman golf team took to the links this spring eager to gain experience at a new level of the sport. The team consisted of seniors Mike Payne and Brian Stankiewicz, sophomores Brian Gilley, Jason Gregor, and Brad Mickschl, and freshmen Jason Boone, Mike Lockwood, Tom Mach, and Derek Scott. Despite the youth of the team, Rose golfers completed their season by finishing fourth in the conference tournament at Deer Creek Golf Club. The team was coached by Keith Schrage.

Freshmen led the team this year with the three top scorers coming from their class. Tom Mach (83 average), Mike Lockwood (84 average), and Jason Boone (85 average) helped the team in their freshman year and will do so in the years to come.



Top Right: Jason Boone takes a practice swing.

Right: Mike Lockwood shows what his iron can do.



Rose Rifle Team Shoots for a National Ranking



The Rose-Hulman Rifle Team had an excellent 1993-94 season. The team placed 17th in the NCAA rankings which include all colleges in Division I, II, and III. In Division II and III, the rifle team finished first. The members of the team are Allen Cheesman, Chris Diamond, Mark Fields, L. Parker Gibson, Chris Gunter, Robert Piper, and Todd Trimble. The two seniors, Cheesman and Piper, will be missed next year, but have underclassmen ready to try to fill the spots left open. Freshman Mark Fields, the team's third best shooter, received the team's best new shooter award. Piper had an excellent season by setting or tying 13 records in his final season on the team. The team is looking forward to the 1994-95 season with a plethora of new talent, and they hope to keep their streak of successes going.



Top: The 1993-1994 Rose-Hulman Rifle Team.

Above: Senior Allen Cheesman concentrates on the target.



Above: Senior Robert Piper takes aim.

Running for the Prize

The Rose-Hulman track team had an outstanding season. Their best overall performance came at DePauw University, site of the conference meet, where Rose-Hulman posted a strong third-place finish. Highlights for the Engineers included Mike Brown's win in the pole vault, Alan Keuneke's second in the 400m, a third by Dave Sandquist in the 800m, Greg Meyne's second-place hammer throw and a 1600m relay team (Randy Pelkey, Marty Malberg, Sandquist, Keuneke) which, aided by Keuneke's lean at the wire, held off Wabash for second. A total of 11 personal bests were set on that day. For the season, Rose-Hulman athletes amassed 31 personal bests, and had 10 entries into the school's top 5 all-time performances: Troy Ricklefs (2); Brown (2); Keuneke (3); Malberg; Mark Wolfe; and Meyne. Keuneke was named captain and MVP for sprints, while Brady Neukam earned those honors for the middle and distance events.

Junior Mike Brown and Senior Greg Meyne were key performers during the 1994 track and field season. Brown returned to pole vaulting in 1994 after shoulder surgery kept

him from vaulting last season. His return to vaulting saw continued success. Brown qualified for the NCAA Division III Indoor Championships and placed fourth en route to a new school record. During the outdoor season, Brown also qualified for national competition while setting another school record. Furthermore, he led the Engineer attack at the ICAC Championships as the lone Rose-Hulman athlete to earn the honor of Conference Champion. Brown also led the team in scoring and was selected MVP for field events. Field event captain Greg Meyne threw a new school record to qualify provisionally for the national hammer competition. Meyne was also the 1994 recipient of the Ruel Fox Burns Award for most outstanding senior athlete. Brown participated in the NCAA Division III Outdoor Track and Field Championships at North Central College in Naperville, Illinois, but Meyne was not selected from the provisional qualifiers to compete.

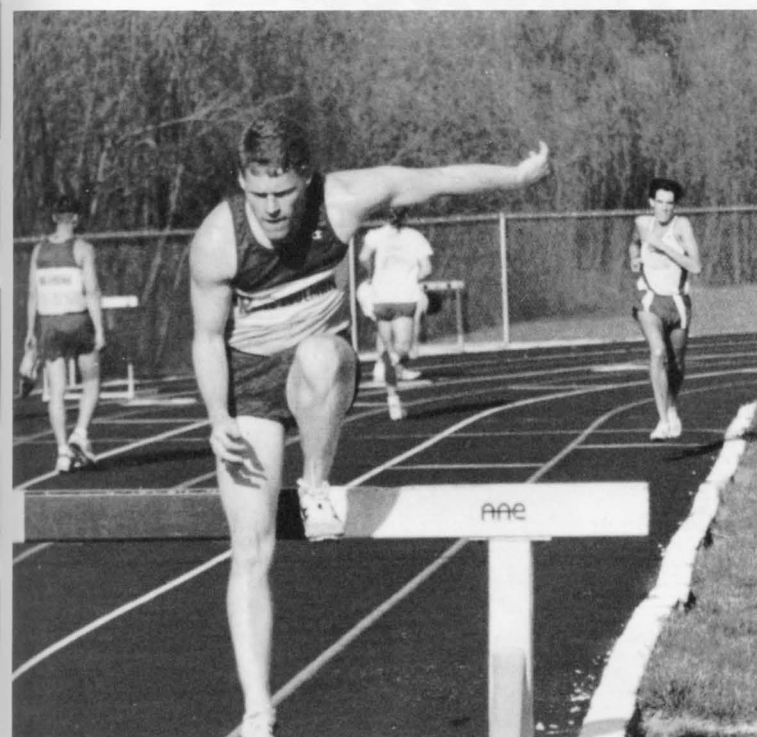
While the loss of several seniors to graduation will hurt the Engineers, they hope to build on their successes this year and have a great 1994-1995 season.



Above: Throwing the discus requires concentration as well as strength.



Above: Marty Malberg soars through the air in the long jump.



Top Left: Mike Miller shows his determination in the steeplechase.

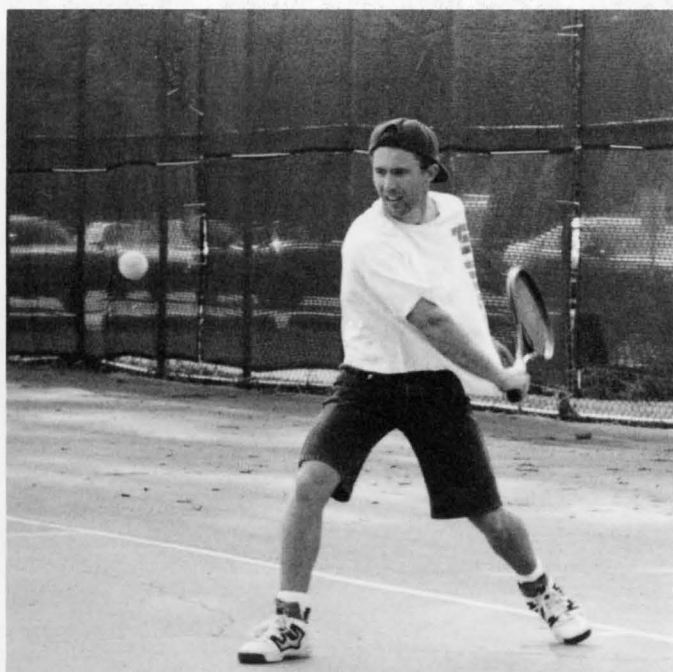
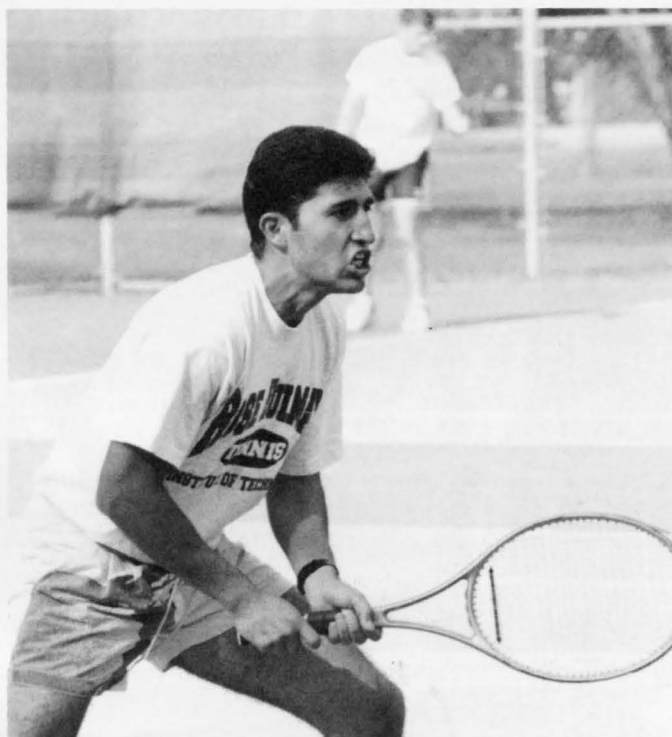
Top Right: Throwing a long metal spear can be exciting as well as challenging in the javelin.

Bottom: Marty Malberg looks at the sky as he clears the bar in the high jump.

Causing a Racket

The Rose tennis team started out with a bang this year by taking second place in the Thomas Moore Invitational and finished the year with a 7-6 record. The Engineer netters won matches over regular season opponent John Carroll and finished fourth at the Kerry Seward Little State Invitational.

The Engineer tennis team was reinforced this year by the transfer of Jose Penalzoza from Tri-State University. Jose was the #1 NAIA player of the year last year and helped himself out this year by winning the #1 singles event at the Thomas Moore Invitational. Next year, the Engineers hope to improve on their success with the addition of freshmen Ryan Easterhaus, Ryo Fuchinoue, Carl Fuhrmann, Jeff Nord, and Hans Ritter. Hopefully, the future will hold more success for the Engineers.



Top Right: Jose Penalzoza, a transfer from Tri-State U., waits for the return.

Right: Son Cao starts the action with his serve.

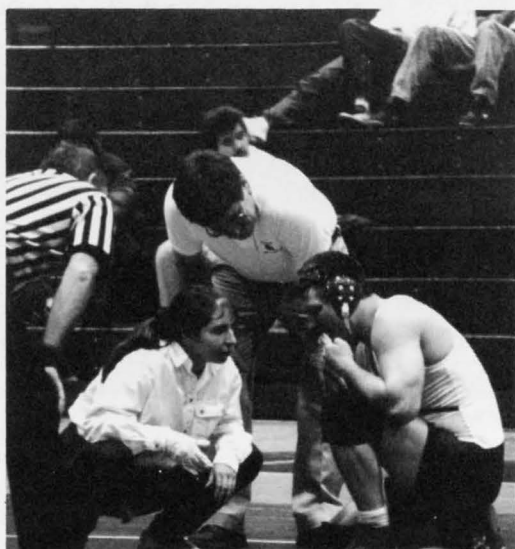
Above: Brian Brown prepares for the return.



Lending Their Support

Athletes are just the tip of the iceberg when talking about individuals involved in sports and sporting events. Many other people are involved in athletics. These people, coaches, boosters, fans, etc., help bring the athlete's level of performance up with their expectations. Their support helps the athlete achieve his full potential.

Coaches are a large part of the athlete's conditioning. Without a coach, a team would disintegrate into an unorganized group with no purpose and no motivation. A coach gives a team the necessary drive and determination it needs to achieve goals set by themselves and their many supporters. The coaches see that the athletes are in the best positions not only for themselves, but also for the team. A team without a coach is like a car without gas, useful, but lacking something vital.



Top: Soccer coach Greg Ruark paces the sidelines.

Top Left: Basketball coach Bill Perkins lays out his strategy.

Bottom Left: Wrestling coach Mark Buti offers some advice.

Above: Football coach Scott Duncan gives the play-by play.

And the Score is...

The results of a hard year's work by the Rose-Hulman Fighting Engineers are presented here, along with a taste of the year in sports.

Baseball

Overall: 20-13

ICAC: 10-6

<u>Rose</u>		<u>Opp</u>	<u>Rose</u>		<u>Opp</u>
8	Alma College	2	4	Manchester	3
8	Alma College	0	9	DePauw	12
2	Thomas College	3	6	DePauw	4
2	Urbana College	0	5	Washington U	3
4	Ohio Northern	0	0	Washington U	3
4	at DePauw	5	0	Southern Indiana	5
1	at DePauw	2	9	Southern Indiana	8
4	Wilmington	1	6	at Franklin	1
3	Wilmington	0	13	at Franklin	1
5	Albion	1	4	Anderson	11
3	Albion	1	3	Anderson	5
3	at Hanover	0	4	Wabash	1
7	at Hanover	2	6	Wabash	5
2	Olivet Nazarene	1			
2	Olivet Nazarene	5			
4	at Wabash	6			
10	at Wabash	6			
13	Manchester	4			

ICAC Tournament

0	DePauw	1
12	Hanover	13



Top: Cheerleaders were visible at many athletic events.

Right: The batter prepares his swing.

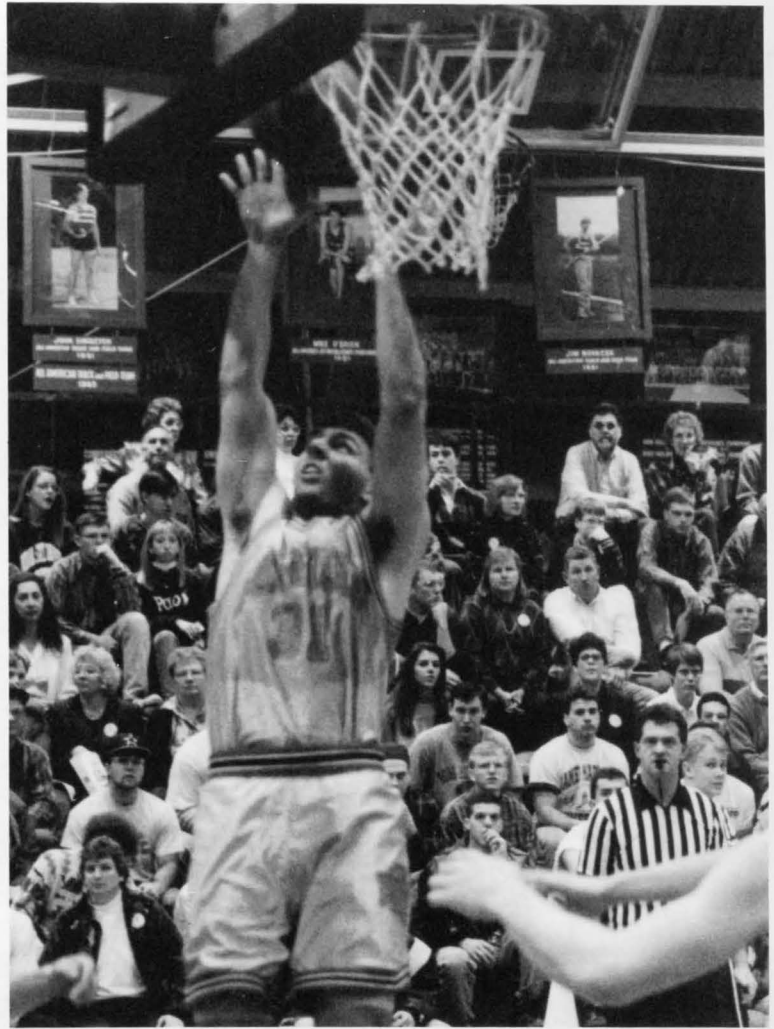


Basketball

Overall: 10-15

ICAC: 4-9

<u>Rose</u>		<u>Opp</u>
75	at Ripon College	92
67	at MacMurray	57
61	at Centre College	66
94	at Knox	96
65	at Monmouth	84
80	at Blackburn	60
74	Albion	57
64	Colorado College	54
80	at Illinois Wesleyan	84
94	at Earlham College	64
71	at Lake Forest	65
54	at Kalamazoo	80
64	Wabash	74
65	at Hanover	69
72	Franklin	55
61	at DePauw	77
72	at Anderson	74
53	Manchester	76
80	Hanover	89
92	at Wabash	80
59	at Franklin	88
86	Anderson	78
78	DePauw	60
77	at Manchester	92
68	at DePauw	85



Soccer

Overall: 8-6-2

ICAC: 4-1-1

<u>Rose</u>		<u>Opp</u>
2	Wilmington	4
3	Albion	4
4	at Principia	2
0	Rhodes	4
1	at Earlham	2
2	at Denison	4
3	MacMurray	2
6	Anderson	1
4	at Hanover	0
3	Taylor	1
1	at DePauw	2
7	Marian	0
1	at Wabash	1
1	St. Joseph's	1
5	Franklin	0
2	Manchester	0



Top: Rebounding the ball can get a little physical.

Above: The Engineers give a boot.

Track

Indoor Season

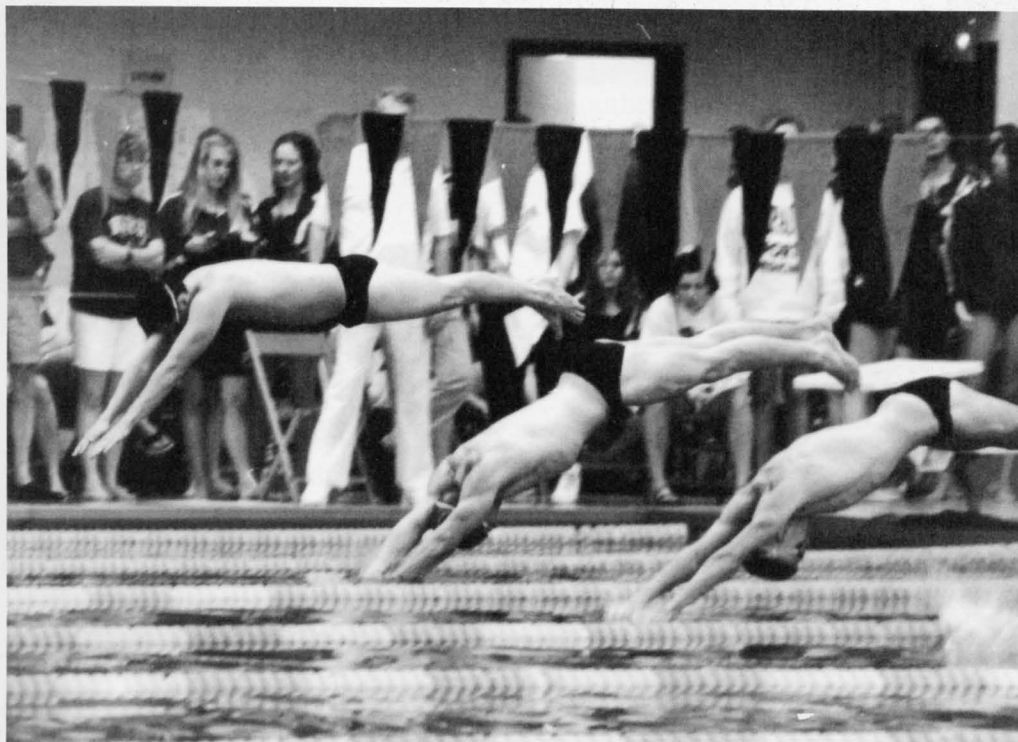
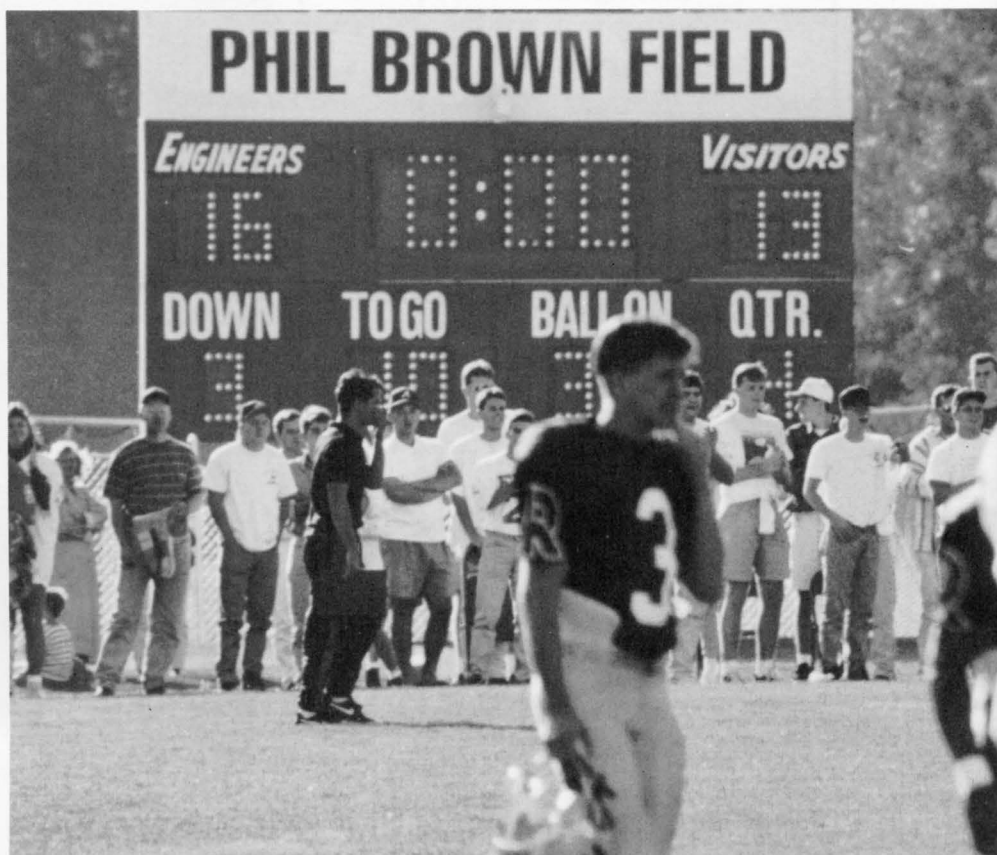
Rose 57 Vincennes 90
Indoor Little State 1st

Outdoor Season

Rose 61 Wabash 102

ICAC

Wabash	214
Anderson	181
Rose-Hulman	90
DePauw	48
Manchester	41
Hanover	29
Franklin	15



Wrestling

<u>Rose</u>		<u>Opp</u>
4	Wabash	37
28	Millikin	18
15	Wabash	33
16	Monon Bell Classic	18
3	Illinois College	32
12	North Central	18
36	Concordia	9
39	Carthage	9
30	Greyhound Classic	21
3	Manchester	52
11	Manchester	26
19	Indiana U	30
9	Indiana U	38

Top: In the end, the scoreboard tells the story.

Opposite, Top: Waiting for the serve return.

Above: Quick reaction time is essential in swimming.

Opposite, Middle: Spiking the ball brings much satisfaction.

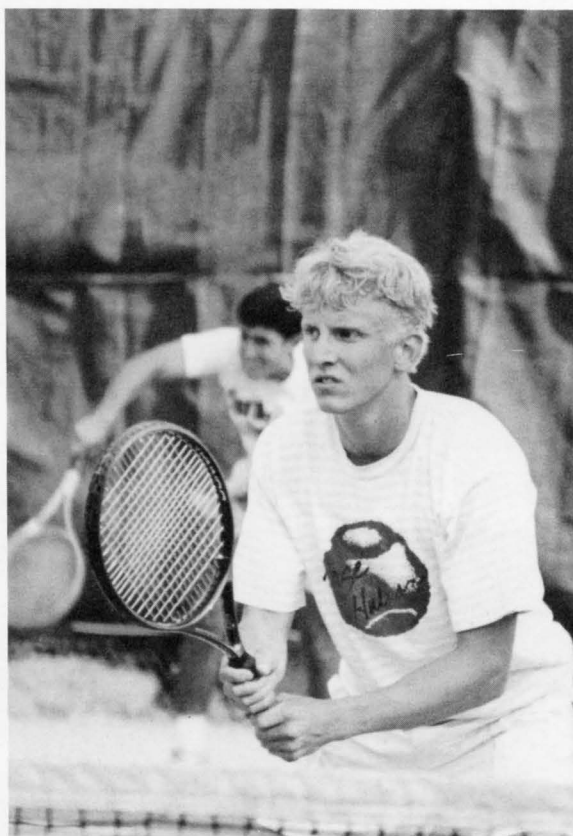
Opposite, Bottom: A string of Rose harriers runs to the finish.

Football

Overall: 3-7

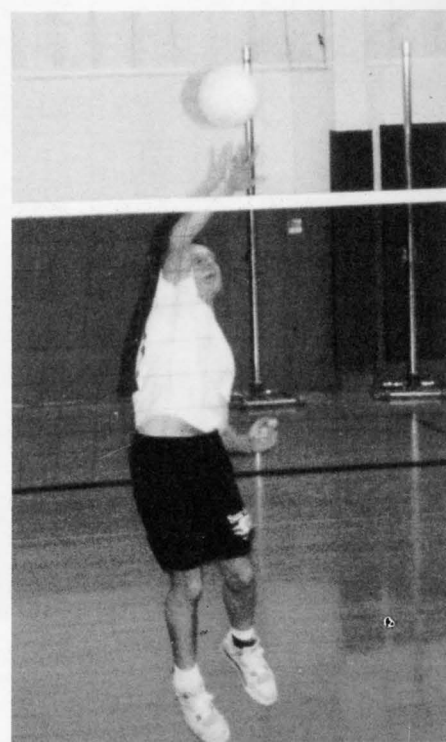
ICAC: 1-5

<u>Rose</u>		<u>Opp</u>
7	at Washington U	28
26	Knox	7
8	at U. of Evansville	38
16	Greenville	13
25	DePauw	23
28	Franklin	32
21	at Hanover	37
13	Wabash	17
21	at Anderson	28
23	Manchester	32



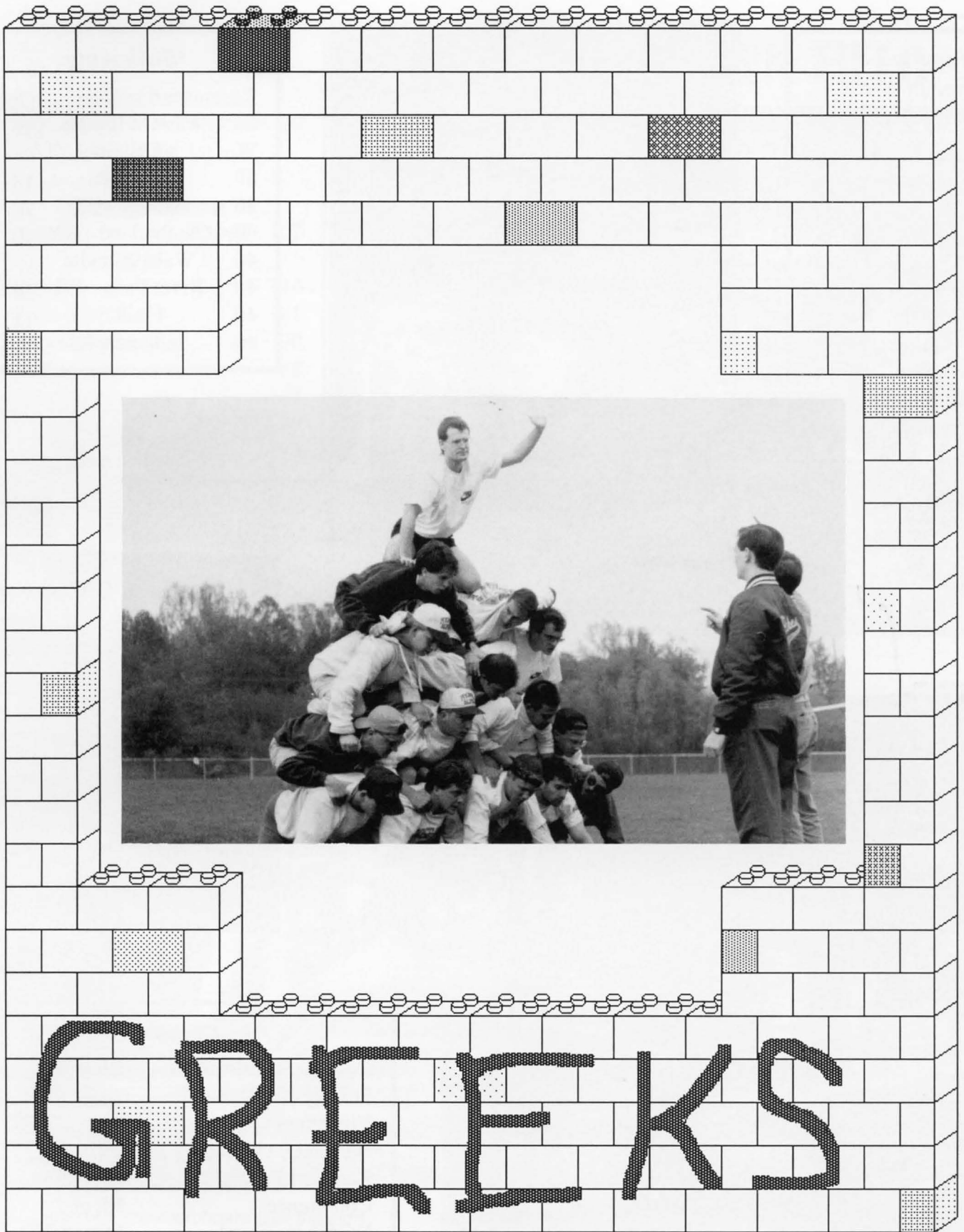
Swimming

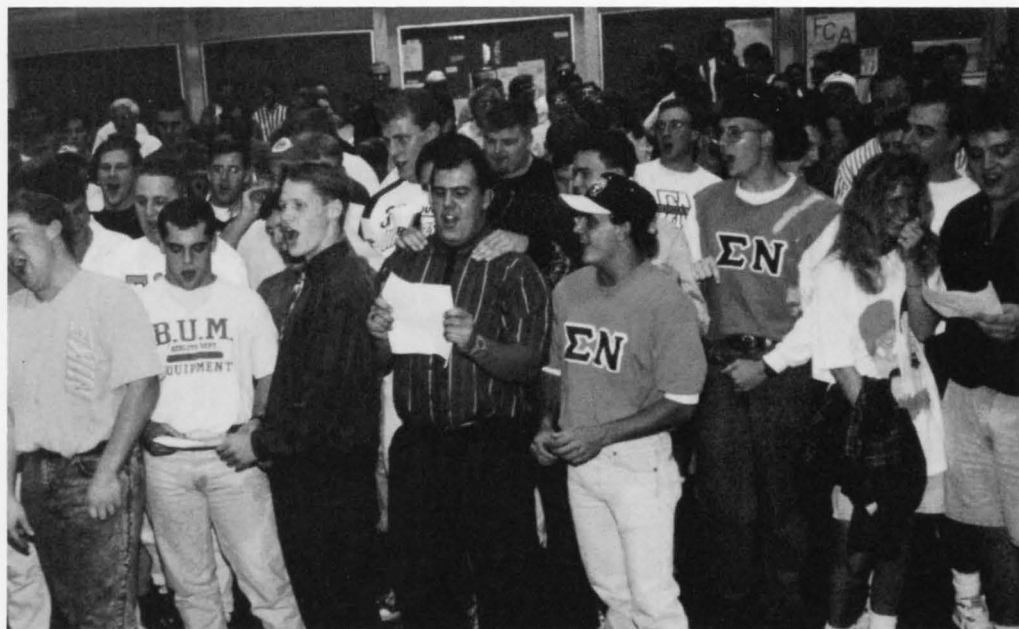
<u>Rose</u>		<u>Opp</u>
L	Eastern Illinois	W
W	NE Illinois	L
59	Wabash	181
86	Asbury - KY	20
90	Cumberland - KY	10
46	Wabash Invite	--
40	River Falls - WI	34
40	Findlay	71
40	Indianapolis	133



Cross Country

Danville Invitational	5th of 18
Franklin College	Won: 20-43
Vincennes College	Lost: 37-18
Principia Invitational	1st of 8
Kenosha-Parkside	17th of 34
Conference	5th of 7
NCAA Regional	14th of 30





Alpha Tau Omega

The Alpha Tau Omega Fraternity takes great pride in being one of the oldest and most active chapters on the Rose-Hulman campus. This past year, the Gamma Gamma chapter of Alpha Tau Omega held a variety of social service events such as Big Brother / Big Sister and Christmas caroling at a local Terre Haute retirement home. The brothers of Alpha Tau Omega also enjoyed many social events and trips throughout the year to such places as Panama City Beach, the ski slopes of Colorado, and the canoeing waters of Silver Creek. The 1994 officers are Mike Meneghini, President; Matt Lowe, Vice-President; Dave Seager, Chaplain; and Brian Gilley, Treasurer.



Top: Alpha Tau Omegas helping children at Big Brother / Big Sister.

Bottom: Alpha Tau Omegas enjoying the slopes of Colorado.





KARL GUTTENBERG
VICE PRESIDENT



CHRIS CAPSHAW
ALPHA DELTA CHAPTER



MATTHEW LOWE
VICE PRESIDENT



DAN VON DIEJEN
VICE PRESIDENT



THOMAS TYSON
VICE PRESIDENT



MICHAEL PAYNE
VICE PRESIDENT



GREG KELLER
VICE PRESIDENT



MICHAEL MCKINNIN
VICE PRESIDENT



DAVID CRAWFORD
VICE PRESIDENT



TODD SANDERS
VICE PRESIDENT



PATRICK T. LUEHRS
VICE PRESIDENT



JOEL BEACHKOFSKY
VICE PRESIDENT



TONY BELLET



DAVID HISSLING



TODD WILKERSON



MATTHEW TULLIS



PAUL NELSON



BRIAN SALZER



BRIAN POPLAR



T. ANDREW STULTZ



M. SHANE STEFFEN



DANIEL AMRHEIN



JOE JOYCE



KERRY PHILLIPS



TIM DOUGHERTY



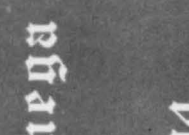
EDWARD STORMS



BRYAN BOWMAN



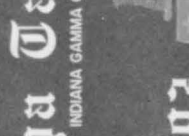
ROLAND PANSAN



NATHAN MILLER



ANTHONY LOOKER



AARON JANKENSFELD



RYAN TENNANT



CLINT SMITH



J. BRIAN MARTYN



DAVID REASER



MARK HECKENLAIBLE



MICHAEL MASSEY



NICK ARNAL



RYAN ODAY



NATHAN MILLER



ANTHONY LOOKER



TOM DUNKEL



RON REEVES



SCOTT MITCHELL



JAMES MAZZEI



BRIAN AMRHEIN



EDWARD PHAM



KEITH CANELLIN



BRIAN GILLEY



SCOTT PINK



MICHAEL BENEFELD



BRIAN CANELL



BARBARA SCHIMMEL



TOM DUNKEL



RON REEVES



SCOTT MITCHELL



JAMES MAZZEI



BRIAN AMRHEIN



EDWARD PHAM



KEITH CANELLIN



MARK STANGEL



KEEGAN HELAND



SEAN PHILLIPS



JASON GITT



KYLE CURRY



N. KEITH DAVIS



IAN DOLL



CHRIS LOVDENSEN



CLINTON HATT



ASHWIN LAO



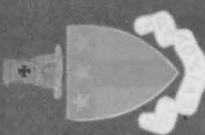
KENNETH WILSON



KEITH CANELLIN

Alpha Tau Omega

INDIANA GAMMA CHAPTER



1994

1993

Rose-Hulman Institute
of Technology

Delta Sigma Phi

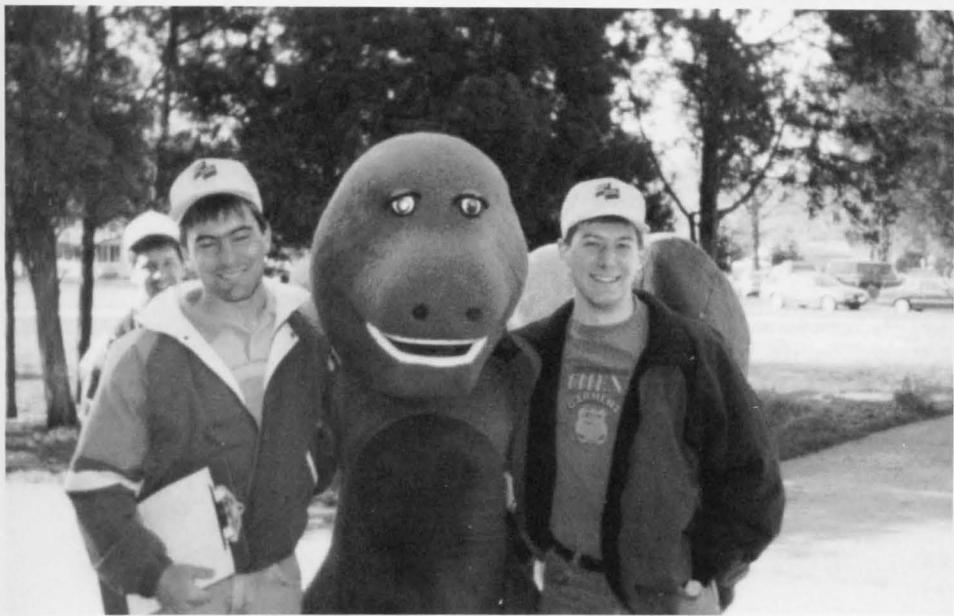
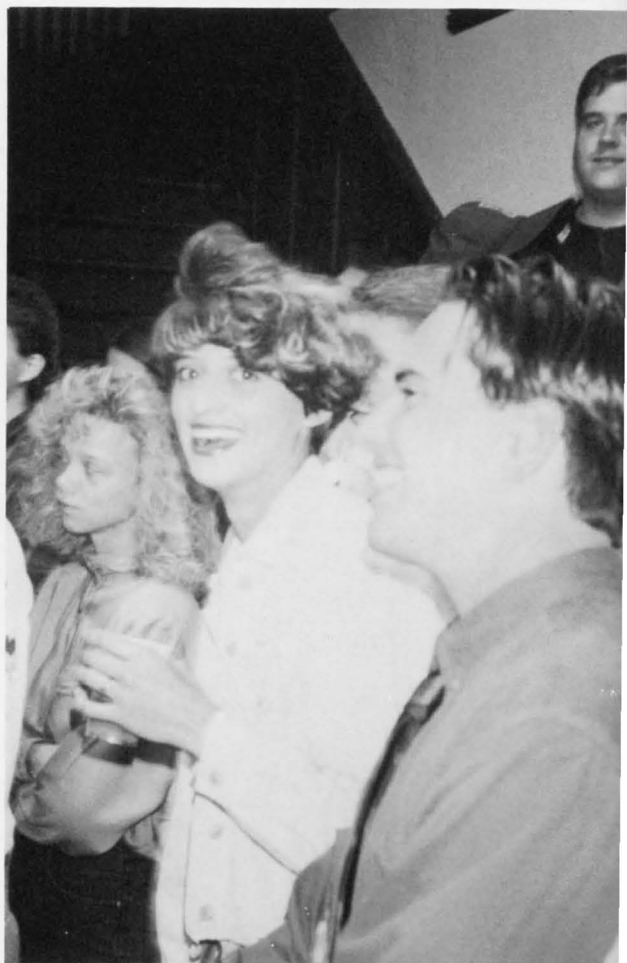
Right: A few of the Delta Sigma Phi musicians hang out in Moench Hall.

Middle Left: Giving it all in the tug of war event.

Bottom Left: Delta Sigma Phi is officially endorsed by Barney.

Right: A bartender at a party.

Bottom Right: People at a party in the fraternity house.



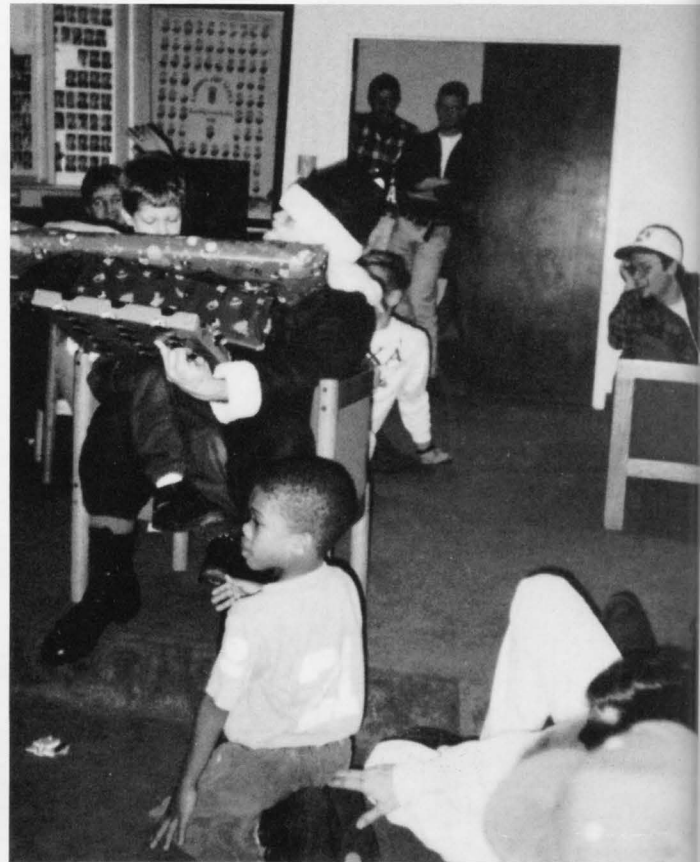
Lambda Chi Alpha

The Theta Kappa Zeta chapter of Lambda Chi Alpha enjoyed another successful year. Through our fall and spring rush we initiated over 40 fine men into our bond. In the fall, the "Run for Kids' Sake," a 24-hour run, raised over \$2000 for Big Brother/Big Sister. During the holiday season, our Christmas Party for Underprivileged Children gave a special Christmas to kids who might otherwise not have had one. Our winter fund raiser known as Strikforce raised over \$1500 for MDA. Throughout the year many activities were planned as brotherhood activities, such as our annual Pumpkin Carve, Lambde-lympics, and hockey and ski trips.

Upper Left: A few brothers letting off some steam.

Lower Right: Pig Roast '94.

Above: Christmas Party for Underprivileged Children.





PHIL KNICKREYB DAN JANKO MARK HARRIS JOHN HARAGUCH MICHAEL SCHALL CHAD MCGESTT WILLIAM BOUCHER CASH CANFIELD GENE GOWER PAT FAIST SHANNON HOLMES KURT JOHNSON



JOHN REDEMAN HIGH EPSILON STEVEN SEYFERT HIGH PHI J. D. LAZAR HIGH KAPPA PATRICK SOHANEY HIGH TAU DAVID BEDEL HIGH BETA KURT BRINKMAN HIGH ALPHA BRETT WILTSHIRE HIGH GAMMA DENNIS KIRKLAND HIGH DELTA SHAWN WISCHMEER HIGH DELTA JOHN MURROOM HIGH SIGMA JASON EFFING HIGH RHO



DAVE BRITT STEVEN BERG CHAD BAKER PHILIP BECHER
STEWART CHAPTER EXCELLENCE HOUSE MANAGER

Lambda Chi Alpha Theta Kappa Zeta



DAVID WAHMAN ASSISTANT HOUSE MANAGER CHRISTIAN CURRY ASSISTANT TAU BRAD KEY HISTORIAN MATT EDWARDS



KYLE HAMM CORKY MITTELSTADT JEREMY EFFING JIM MCGOWAN

19



94



JAMES KUNTZ JOHN VANCE ERIC FENTRESS PAUL LAINE, JR.



CHRISTOPHER MOORE MIKE SEALS JOHN BROWN

Rose-Hulman Institute of Technology



JEFFREY JOHNSON KENNETH LABHART ERIN MEYER



MICHAEL JAHN MARK BOWER WILLIAM HOWARD MATT WEIR DARYL PETERSON



MARK HAMILTON HIGH PHI



EUGENE RECTOR, JR. DAVE SNYDER DOUGLAS PAYNE ANDREW JONES DARRIN KLOTZSCHE



MARK MCCLAIN CASEY ERWIN JOE COONS ANTHONY COOPER AARON FRENCH JOSEPH CHOWNING ERIC BULINGTON MARCOS MARTINEZ JEFF FOALE JUSTIN COAKLEY REX FULLER JUSTIN SEALS



JEREMY FLAMION CHRIS CONLEY KYLE BARTOW TODD HOAGLUND JEFF EPPERSON LARRY TOOLEY JASON BUNSELMER HANS RITTER JOHN REINEKAMP PAUL FLORY JAY CRESS EARL ESCOBAR

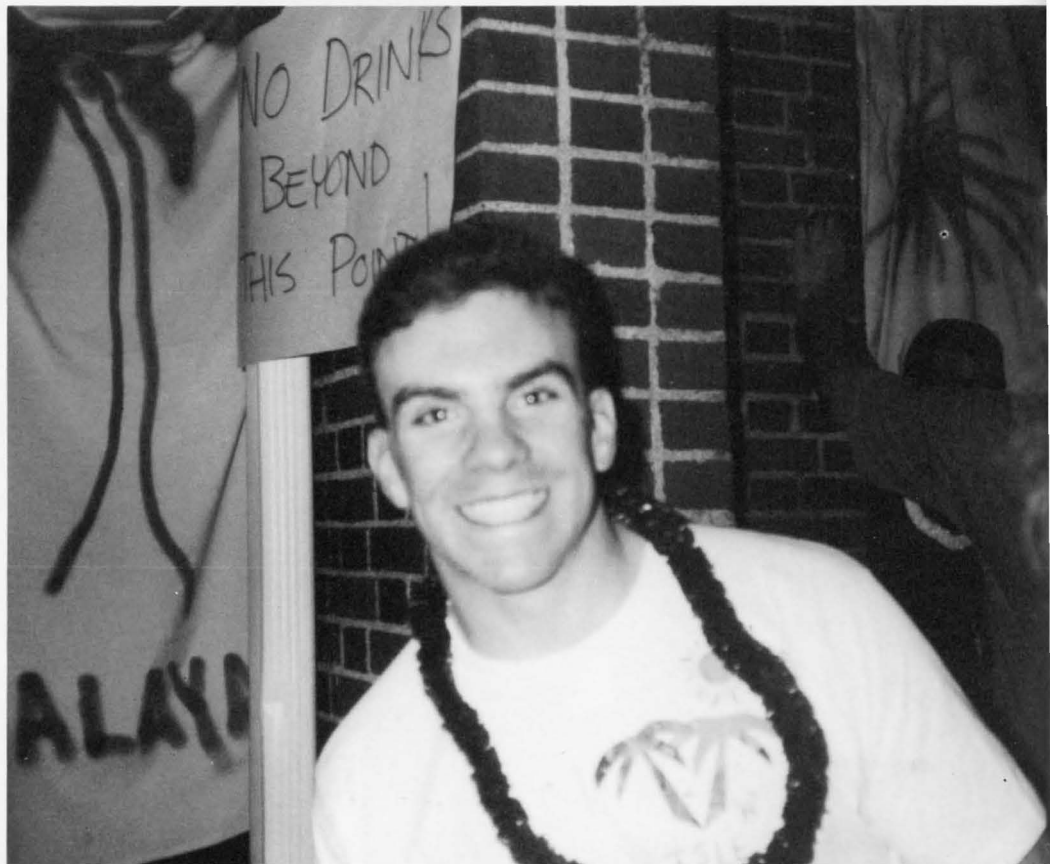


JONATHAN FRANCIS SHAWN HOBBS BRANDON WILSON BRIAN WESSEL BRYNDON STEELE JEFFREY SCHWEDMAN KENNETH BEDEL WILLIAM LEBER BENJAMIN LYNDEGAARD BARRY PORTMAN ANDREW DENLINGER BRAD COMER

Phi Gamma Delta

The men of the Rho Phi chapter of Phi Gamma Delta had a fun and exciting year. It was highlighted on Bid Tuesday when we pledged 22 fine additions to our chapter. Taking second in grades was also a great success this year.

Phi Gamms also participated in many service projects during the 1993-94 academic year. Our annual Christmas party held for the disabled children of Happiness Bag was a big success. Our other service projects included the pledge class helping at the Adopt-A-Tree program sponsored by Trees, buying gifts for the Salvation Army's Angel Tree program, and cleaning our section of highway in the Adopt-A-Highway program.



Above: Joe Labbe having a little fun at Fiji Isle.

Right: Charlie Holloway and Rob Waller doing what we do best at Greek Games, having fun.



Pi Kappa Alpha

The men of Pi Kappa Alpha have had another successful year. Our biggest accomplishment was finally being able to buy our house. We now own our house, the annex, a gym, and 25 acres of land. We won Anchor Splash and gave our best in Greek Games, winning Songfest. We were also active on the social front, holding numerous successful parties, including Around The World. We also held several functions with the sorority Delta Gamma, such as the Valentine's Day Dinner.

We were also very active in community service by working at the Childrens' Museum, doing highway cleanup, catering and by sponsoring the Moench Criterium. All together, our chapter put together more than 3100 community service hours for the 1993-94 academic year.



Above: A participant in the Pi Kappa Alpha sponsored Moench Criterium.

Right: The Pikes and Delta Gamms gather on the Pikes' firetruck.





MICHAEL PAUL JENSEN CHRISTIAN KELLY GEOFF WISE MICHAEL REYER ROBERT CAMPBELL SCOTT HANWING BARRY TROTTER JULIAN WALSH FRANK VOLKERS KYLE WASKET CHAD SCHWEPER TERRY ROSENFELD CHRISTOPHER HETZ



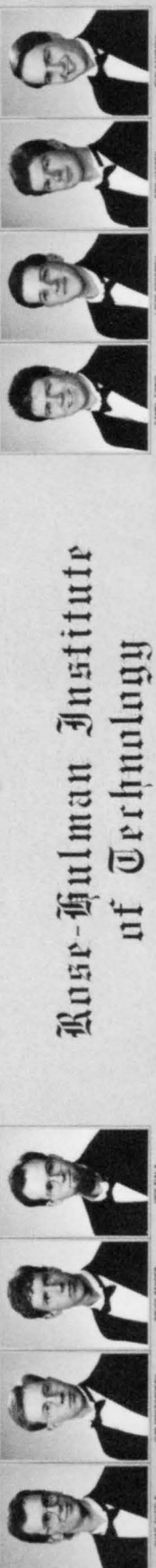
DAMON DAUBENFELD SHAD TROGER MATTHEW LASELLE ADAM JACOB



DAVID J. AMEN RYAN JACOBIA BARRY PERKINS TIT



DAVID J. AMEN RYAN JACOBIA BARRY PERKINS TIT



DAVID J. AMEN RYAN JACOBIA BARRY PERKINS TIT



DAVID J. AMEN RYAN JACOBIA BARRY PERKINS TIT



DAVID J. AMEN RYAN JACOBIA BARRY PERKINS TIT

Hi Kappa Alpha IOTA DELTA CHAPTER

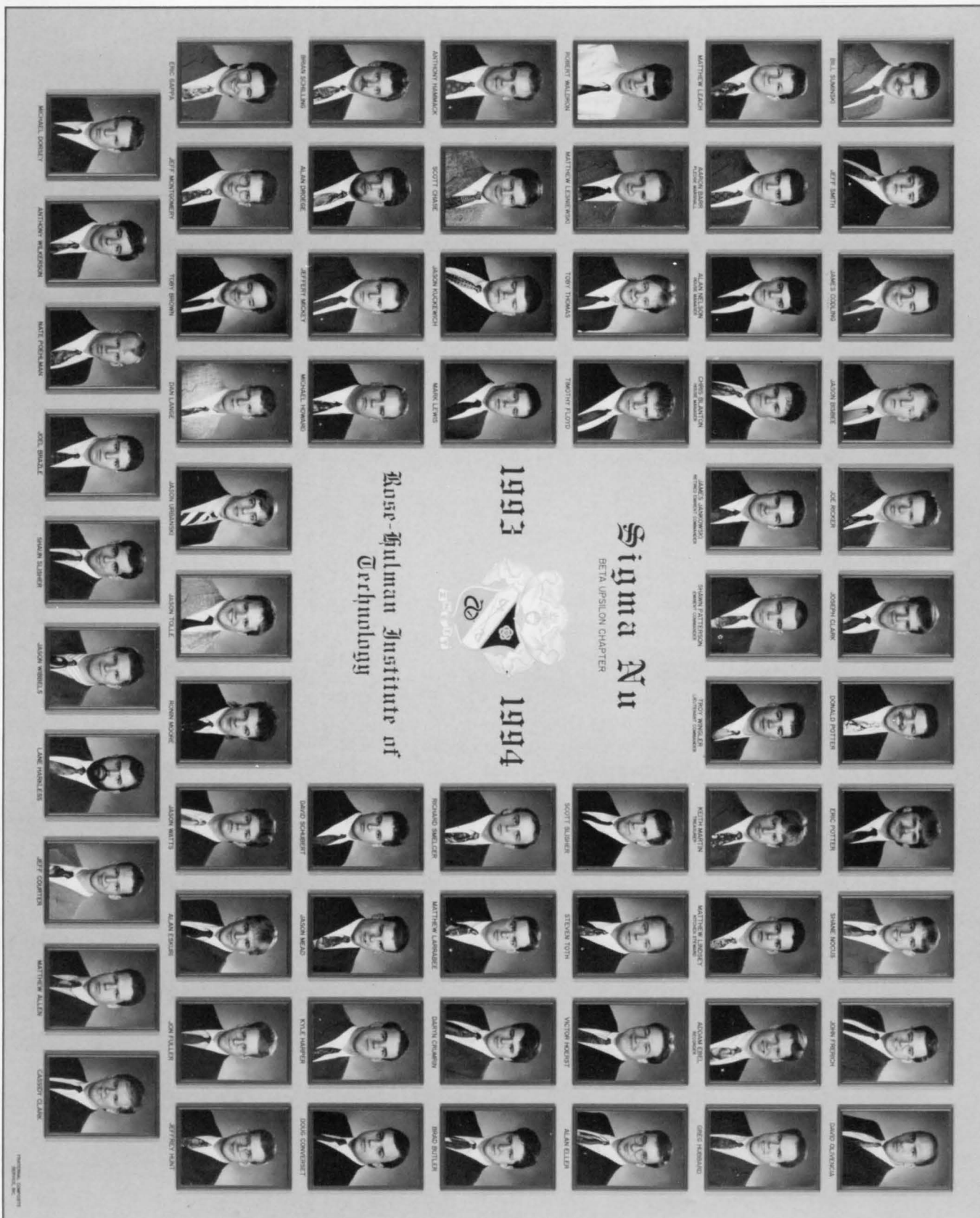
1994

1993

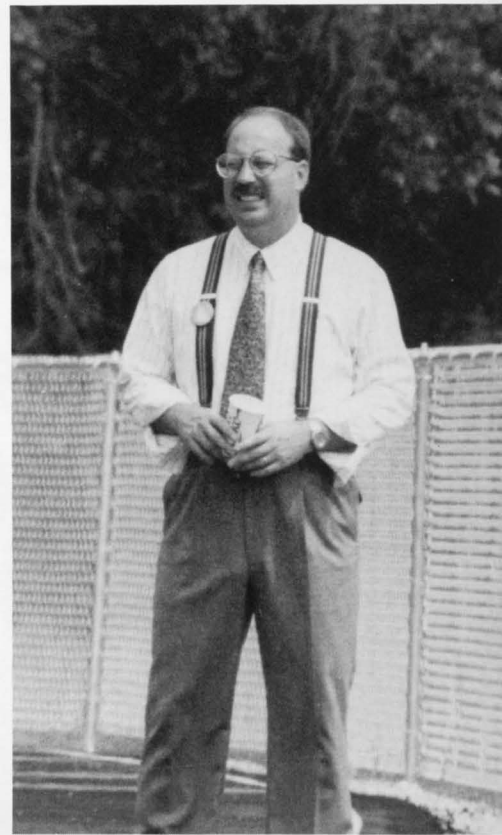


Rose-Hulman Institute of Technology

Sigma Nu



A Modulus File Photo Break



Theta Xi

The brothers of the Kappa chapter of Theta Xi survived yet another year at Rose. Our membership is at an all time high for recent history which leads us to believe that the Theta Xi attitude is more prevalent than ever before. Terre Haute's finest cultural event, Winefest, was a smashing success, and the count down to the next one has begun. Many house improvements were completed this year and future plans to improve the structural integrity of the house are in the works. Theta Xi is looking forward to another banner year at Rose-Hulman.



Bottom: The Theta Xi fraternity house.

Top: The banner advertising the annual Theta Xi Winefest Party.



JEREMY THOMPSON
JUNIOR HOUSE MANAGER



TODD TRIMBLE
SENIOR HOUSE MANAGER



TOM MIHLBACHER
VICE PRESIDENT



ANDREW JOHNSON
PRESIDENT



STEVE AKERS
TREASURER



LEVI BARCLAY
SECRETARY



ZACHARIAH CHAMBERS



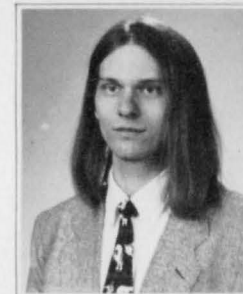
DUSTIN JANES
SCHOLARSHIP

Theta Xi Kappa Chapter

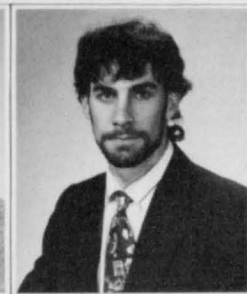


19

94



RICK SCHULTZ
ASSISTANT TREASURER



STEVEN BURCH

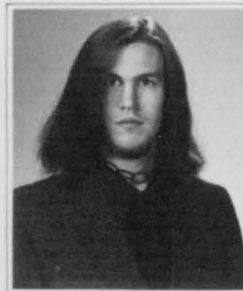


ANDREW FORD

Rose-Hulman Institute of Technology



MITCHELL LANDESS



WILLIAM REICHERT



ADAM COLLINS



STEVEN BAUMEISTER



STEPHEN BOYD



MICHAEL OLSEN



MARK FYFFE



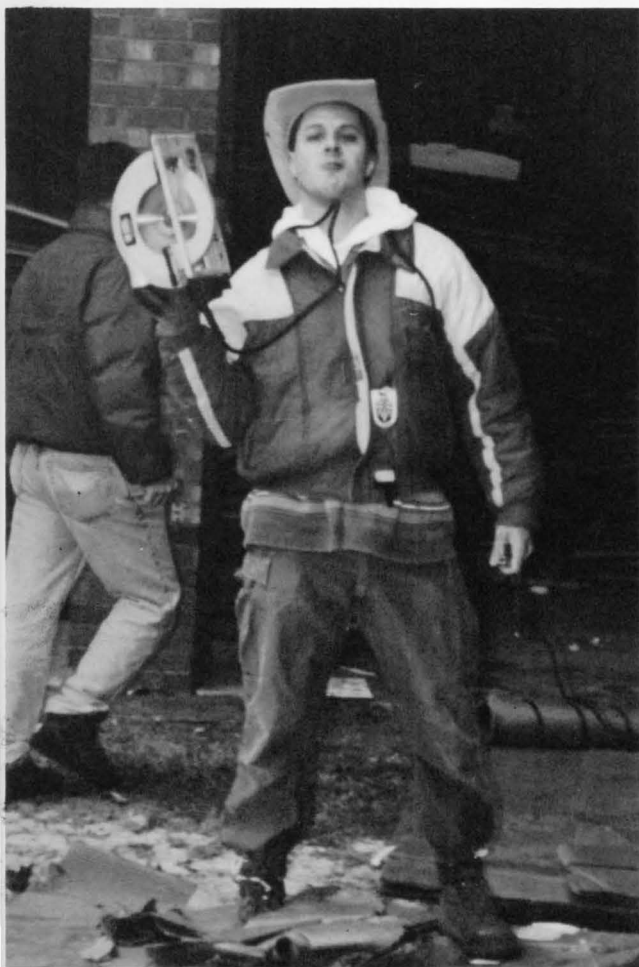
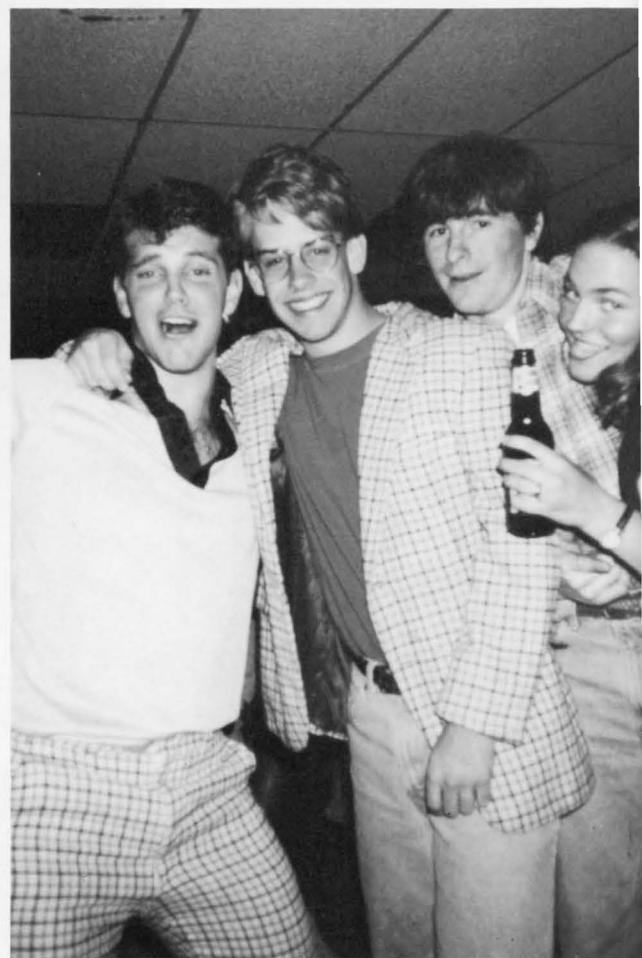
CARL TRACY

Triangle



Above: Eric Edwards, Ben Byers, Eric Wind, Tommy Daffron, Dave Hawkins, and Rich Scaggs exhibit Disco Mania at a Triangle party.

Right: Ed Kralik, Jim Jacobi, Brian Shattuck, and Katie Sur are enjoying a Triangle party.



Left: Frank Smith shows off his manliness by cutting through cardboard with a power saw. This is preparation for the Maze party.

Below: Son Cao and Brian Shattuck push Tim Sublette in the Greek Games cart race competition.

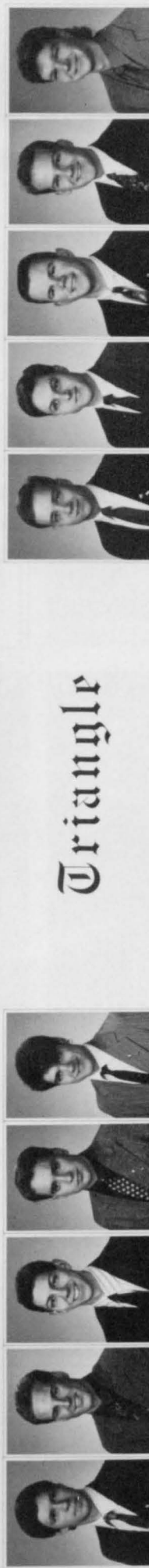




JAMES BOSSARD, ERIC DEER, ROBERT LAMMISON, PAUL CARTER, MATTHEW STAMM, CHUCK ARVIN, TONY MALLISTER, MIKE WILDER, MARK TORGES, ALAN SCHAM, JAY LORENZ, NEST HAMPTER, BRIAN GILES, JAMES ROSSER, JR.



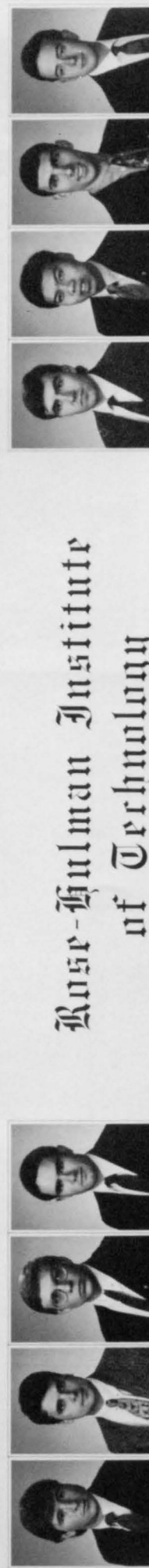
ERIC CONNOR, GARY ALAN, JEFFREY HANSEN, MATTHEW REINE, DANIEL SCHUBERT, JACQUE WILSON, GARY OUTENIGHT, ERIC WALKER, ALAN REYNOLDS, JAMES JACOB, PATRICK ZAPARAO, CHRIS KRILL, DAVID WALKER, CHRIS KRILL



WILLIAM BENDIS, BRIAN METZ, KEVIN HAYES, FRANK SMITH, MICHAEL PAYNE, MICHAEL ENGER, JASON KUTCHENALL, MICHAEL BARNING, JASON KUTCHENALL, MICHAEL ENGER



KEVIN HAYES, MARTIN HALLING, KENNETH HALL, DEVID BLAIR, GREGORY ANSER, PATRICK GOODWIN, JEREMY BLAKE, SETH FREEMAN, CHRISTOPHER THIBTS



JEFFREY WARD, JACOB BORN, DAN GILL, BRUCE NORMAN, STEPHEN GORM, CAROL DICKSON, CAROL DICKSON, DANIEL SAMBLES, RYAN FISHBONE, PATRICK BIER, BRIAN BROWN, BRADLEY COBLE, RICHARD WELLS, JAMES DUFFY, RICH WELLS, JAMES DUFFY



SCOTT JENSEN, ROBERT PAGE, JACOB HICKEL, MIKE GORM, STEPHEN GORM, CAROL DICKSON, CAROL DICKSON, DANIEL SAMBLES, RYAN FISHBONE, PATRICK BIER, BRIAN BROWN, BRADLEY COBLE, RICHARD WELLS, JAMES DUFFY, RICH WELLS, JAMES DUFFY



SCOTT AUGUSTA, BRIAN MOTT, WILLIAM JAMES, MARK WILSON, ERIC TESTA, EDWARD KALIK, BRIAN KELLER, BRIAN KELLER, JASON KUTCHENALL, JASON KUTCHENALL, JASON KUTCHENALL, JASON KUTCHENALL, JASON KUTCHENALL, JASON KUTCHENALL, JASON KUTCHENALL, JASON KUTCHENALL

Triangle
1993
Roper-Fulman Institute
of Technology



Greek Games

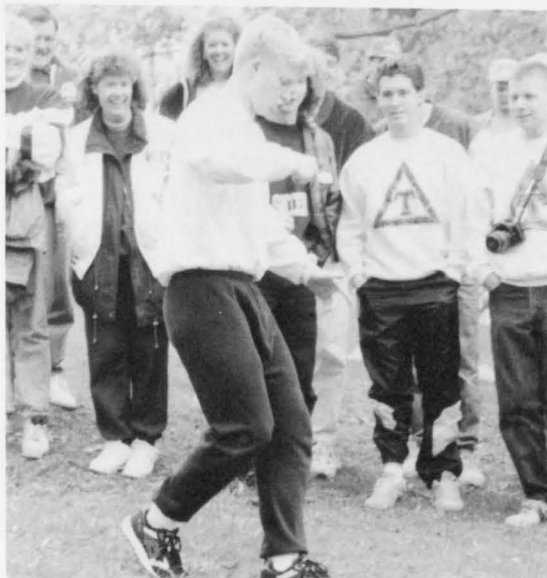
Right: John Goodhue attempt completes the second leg of the mystery event without breaking his egg.

Middle Left: The Pikes compete in the cart races.

Middle Right: Racing to the finish line of the obstacle course.

Bottom Left: A successful construction of the 15-man pyramid by Pi Kappa Alpha.

Bottom Right: The Lambda Chi Alphas perform their act for Songfest.



This year's Greek Games were held on a rather chilly and overcast day, Sunday, May 1. The turnout for Greek Games was significantly less than in years past. This is probably due to the poor weather. The games this year were dominated by Lambda Chi Alpha, who won four of the seven events. Perhaps the most surprising outcome of the games came in the tug-of-war. After losing twice, Lambda Chi Alpha surrendered bragging rights to Sigma Nu.



The Thrill of Victory

Event Winners

Blood Drive: LCA

Songfest: PKA

Cart Race: LCA

Obstacle Course: LCA

Mystery Event: LCA

Tug-of-War: SN

15-Man Pyramid: TRI



Left: The competitors from Alpha Tau Omega race uphill in the first leg of the mystery event.

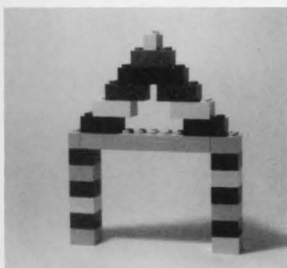
Middle Left: Getting through the tires in the obstacle course is not as easy as it looks.

Middle Right: The finish line of the obstacle course is only a few hurdles away.

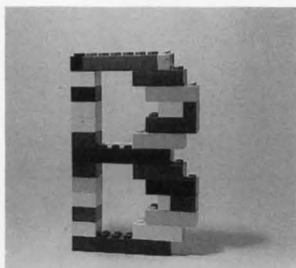
Bottom Left: Fiji speeds towards the finish line in the cart race.

Bottom Right: The Delta Sigs pull hard in a heat of the tug-of-war.





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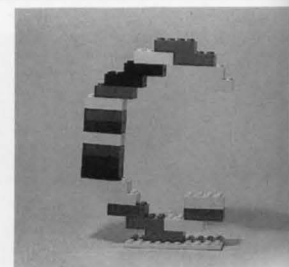


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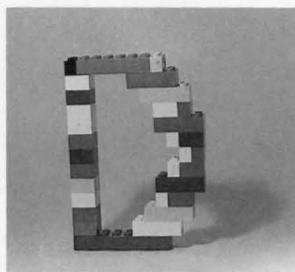


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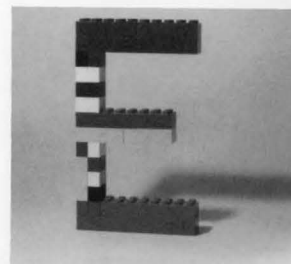
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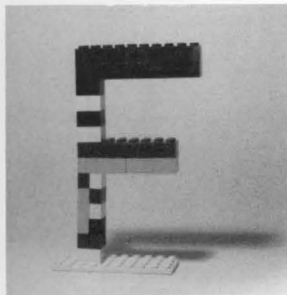
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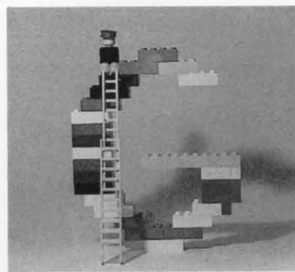
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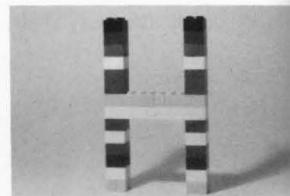
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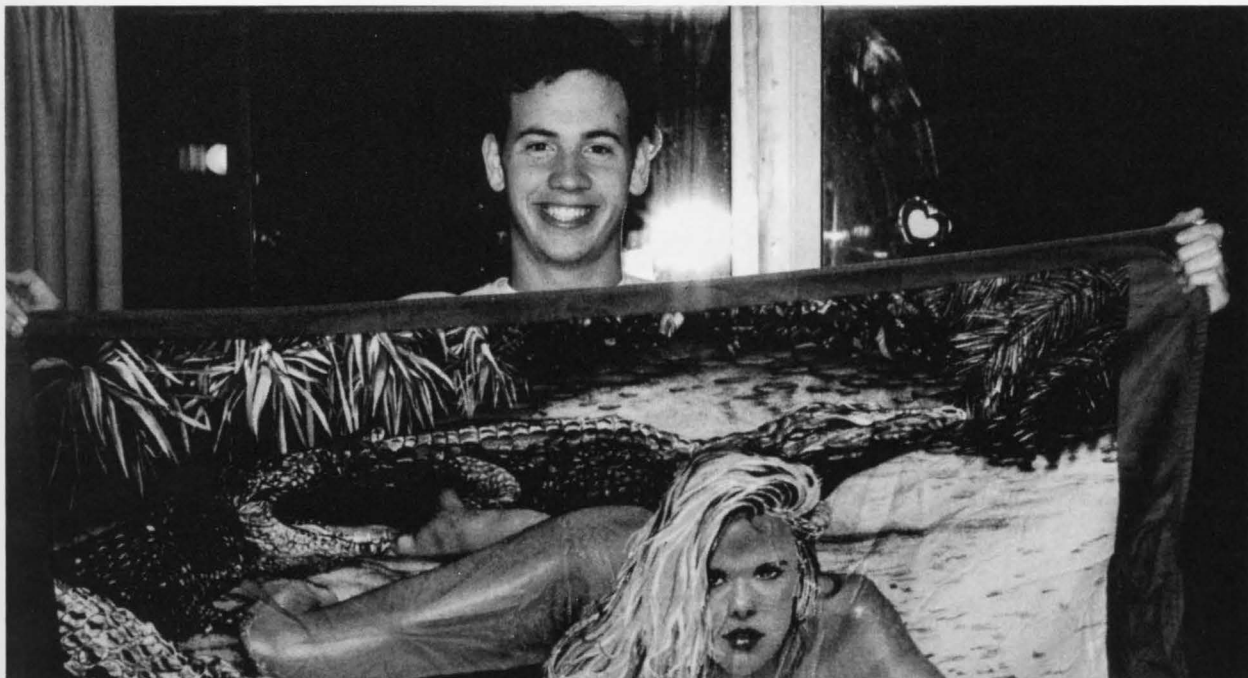


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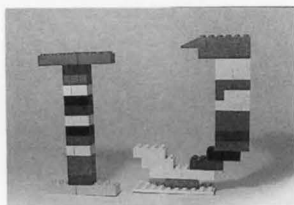
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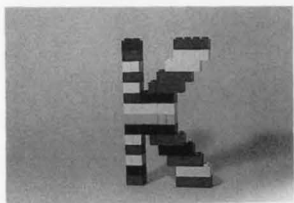
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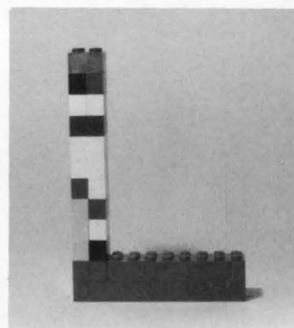
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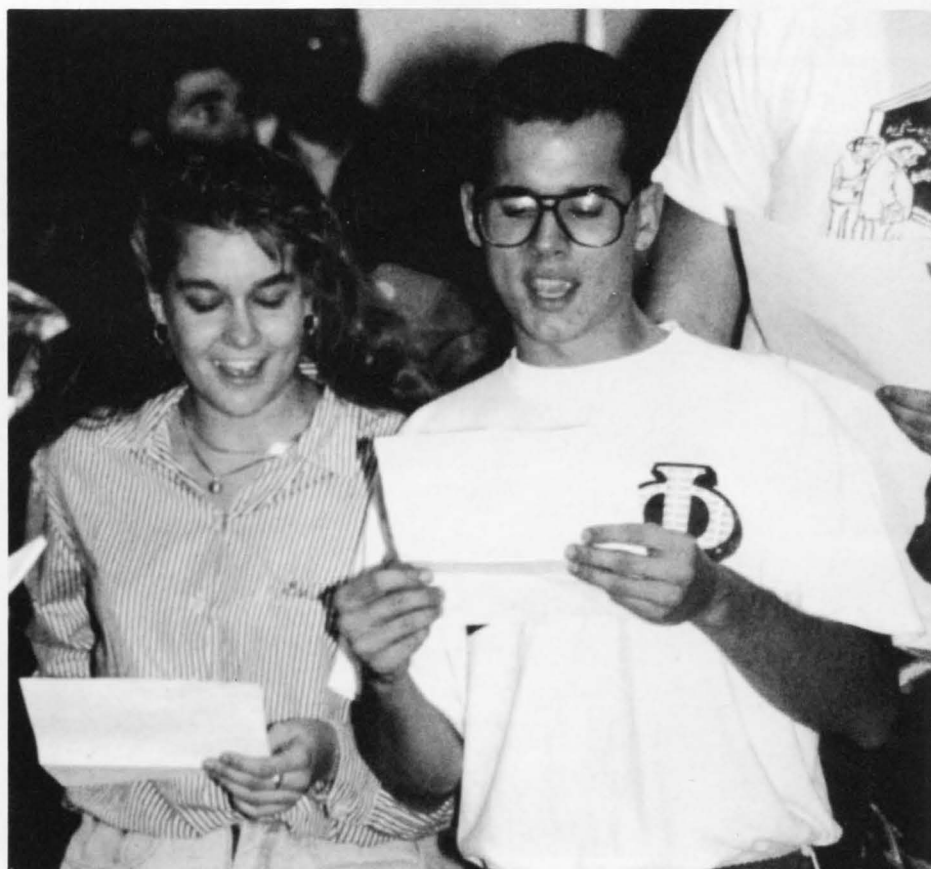
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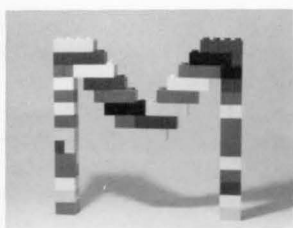


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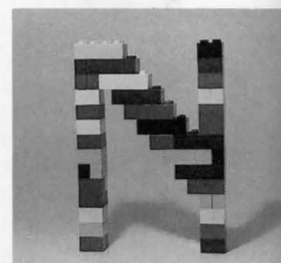


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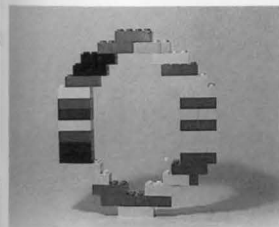
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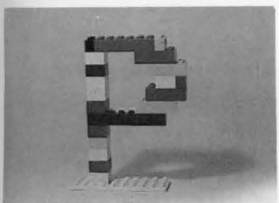


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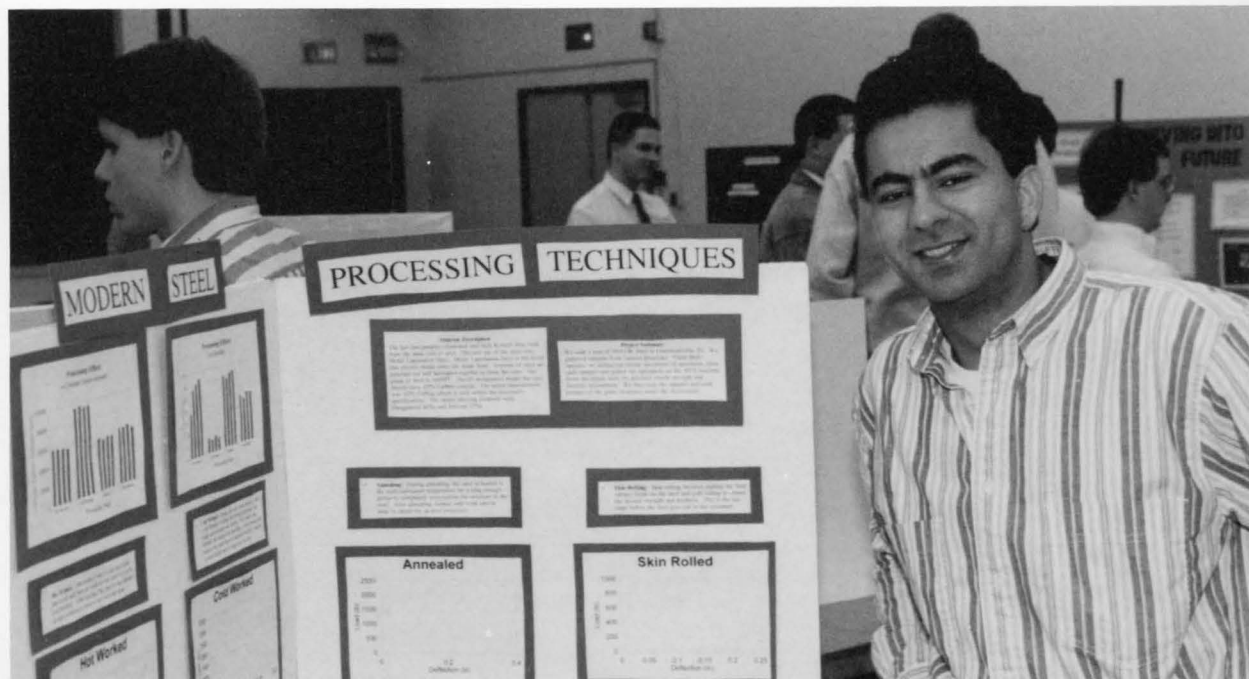
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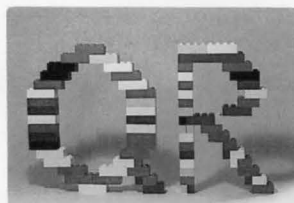


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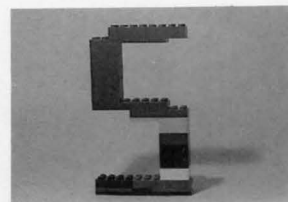
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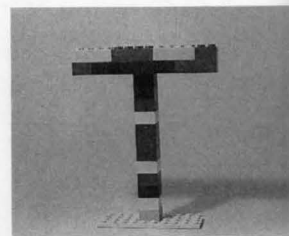
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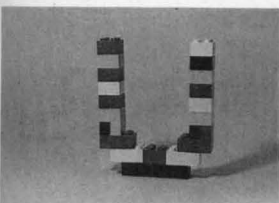
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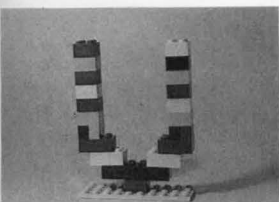


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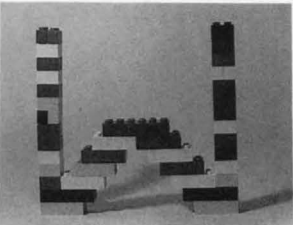


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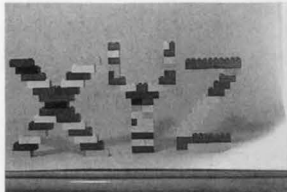
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So Long...



Editor Scot Hawkins, diploma and wife Jenny

This has been a great year, the staff has worked very hard to put it all together. A lot of time and effort have gone into this book. The staff responsible is:

Scot Hawkins - Editor-in-Chief, Index Editor
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Kelly Orr - Head Photographer
Chris Werling - Photographer
Joe Forler - Cover Editor and Photographer
Bryan Taylor - Adviser
Cathy Wolfe - Herff Jones Representative

Additionally, many other people helped make this project successful: Kenny Anderson, Mike Wisecup, Mike Smosna, John Goodhue, and Chris Rettig helped write copy; Jenny Hawkins, typed the index; Chris Gunter, Mike Lockwood, Jason Boone, Jason Streck, Kathy Maggio, and Susan Hawkins; the public relations department; Dale Long for sports photos; and especially Cal Dyer who gave everyone on the staff a great excuse for not making their spring deadlines. After three years as Editor-in-Chief, it is time to pass the book to Adam. Good luck!

We're Out of Here!